

1-1-1966

Bulletin 260 - Summer Session 1966

Eastern Illinois University

Follow this and additional works at: http://thekeep.eiu.edu/eiu_bulletin

Recommended Citation

Eastern Illinois University, "Bulletin 260 - Summer Session 1966" (1966). *Eastern Illinois University Bulletin*. 92.
http://thekeep.eiu.edu/eiu_bulletin/92

This Article is brought to you for free and open access by the University Publications at The Keep. It has been accepted for inclusion in Eastern Illinois University Bulletin by an authorized administrator of The Keep. For more information, please contact tabruns@eiu.edu.

**'66
SUMMER
BULLETIN**

260

**EASTERN ILLINOIS UNIVERSITY
CHARLESTON, ILLINOIS**



UNIVERSITY CALENDAR



Summer, 1966

Monday, June 6	Registration, Undergraduate Quarter
Tuesday, June 7.....	Classes Begin, Undergraduate Quarter
Friday, June 17.....	Last day on which an undergraduate student may withdraw and have a refund of registration fee
Monday, June 20.....	Final Registration, Graduate Term
Tuesday, June 21.....	Classes Begin, Graduate Term
Tuesday, July 12.....	English Qualifying Examination for Admission to Teacher Education
Thursday, June 30.....	Last day for filing applications and paying fee for graduation in August
Monday, July 4.....	Holiday — Independence Day
Friday, July 15.....	Last day, Application for Cards of Entitlement for Certificate
Tuesday, July 19.....	Examination on Constitution and Flag Code
Wednesday - Saturday, August 10-13.....	Examinations
Thursday, August 11.....	Commencement
Monday, August 15.....	Quarter Closes

EASTERN ILLINOIS UNIVERSITY BULLETIN

NO. 260 - JANUARY, 1966



66th SUMMER PROGRAM

June 6 - August 15

EASTERN ILLINOIS UNIVERSITY BULLETIN

Number 260

January, 1966

Published six times a year (January, April, July, September, October and December), by Eastern Illinois University, Charleston, Illinois. Entered as second class matter at the Post Office, Charleston, Illinois. Effective date, September 1, 1961.

CONTENTS

Administration, Staff	5-15
Admission, Undergraduate	26
Admission, Graduate	33
Anthropology	47, 93
Art	47, 48, 49, 93
Biology	49
Board and Room	20, 21
Board of Governors of State Colleges and Universities	4
Book Exhibit	43
Botany	50, 94, 95
Buildings and Grounds	16, 17, 18
Business	51, 52, 53, 54, 55, 95, 96
Calendar	Inside front cover
Chemistry	56, 57, 96
Conferences and Special Features	3, 43, 44
Constitution Examination	30
Course Descriptions	47, 93
Course Load	27, 28
Degree Requirements	32, 35-43
Economics	57, 58, 97
Education	58, 59, 60, 97, 98, 99, 100, 101, 102
Elementary Education, Curriculum	31
English	60, 61, 62, 63, 64, 102, 103
English Proficiency for Graduation	30
Expenses	19, 20, 21, 22
Examination Schedule	118
Faculty	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Fees	19, 20, 21, 22
Fees Refund	22
Financial Aid	22, 23, 24
Float Periods	119, 120
Foreign Language	64, 65, 104
General Information	19, 20, 21, 22, 23, 24
Geography	65, 66, 104, 105
Grades	29
Graduate Study	33, 34, 35, 36, 37, 38, 39, 40
Graduation Requirements	32, 40, 43
Health Education	66, 67
History	67, 68, 69, 105, 106
Home Economics	70, 71
Housing	20, 21
Industrial Arts	71, 72, 73, 107, 108
Institute for Science Teachers	44
Laboratory School	17, 24
Library Science	73
Master's Degree	35, 36, 37, 38, 39, 40, 41
Mathematics	74, 75, 76, 108, 109
Miscellaneous Fees	21, 22
Music Activities	25, 26
Music	76, 77, 109, 110, 111
Music Camp	44
Penalties	21, 22
Philosophy	77, 78, 111
Physical Education	25
Physical Education for Men	78, 79, 80, 81, 111, 112
Physical Education for Women	81, 82, 83, 84, 112, 113
Physical Science	84
Physics	84, 85, 86, 113, 114
Physiology	86
Placement Office	24
Political Science	86, 87, 114, 115
Psychology	87, 88, 115
Rating	16
Recreational Activities	25
Requirements, Degree	32, 35-43
Residence Requirements, Physical Education	29
Scholarships	22, 23
Science Institute	44
Sociology	88, 89, 115, 116
Specialist in Education Degree	33, 41, 42, 43
Speech	89, 116
Speech Correction	90
Summer Theatre Program	44
Summer Workshops	3, 45, 46
Teacher Education, Admission	30
Theatre Arts	90, 91, 116
University Union	25
Withdrawal	28, 29
Workshops, On-Campus	3, 45, 46
Zoology	91, 92, 116, 117

WORKSHOPS, CONFERENCES and SPECIAL EVENTS

Summer, 1966

June 8 - June 29.....	Geography 301
June 8 - August 14.....	Summer Theatre Program
June 12 - June 19.....	Eastern Music Camp — Chorus
June 19 - June 26.....	Eastern Music Camp — Band 1
June 20 - July 8.....	Education 520
June 20 - August 12.....	Summer Institute for High School Science Teachers
June 26 - July 3.....	Eastern Music Camp — Band 2
June 27 - July 15.....	English 322 and English 459
June 29.....	Regional Leadership Conference of Illinois Congress of Parents and Teachers
July 6 - July 7.....	Summer Educational Exhibit
July 18 - August 5.....	Education 488

For further information, consult the section of this catalog
beginning on page 43.

THE BOARD OF GOVERNORS OF STATE COLLEGES AND UNIVERSITIES

*

APPOINTED MEMBERS

NOBLE J. PUFFER, Chicago.....	1961-67
WILLIAM E. MCBRIDE, Chicago.....	1961-67
PAUL STONE, Sullivan.....	1961-67
J. BON HARTLINE, Anna.....	1963-69
ARTHUR R. HIGGINS, Quincy.....	1963-69
W. I. TAYLOR, Canton.....	1963-69
ROYAL A. STIPES, JR., Champaign.....	1965-71
MORTON H. HOLLINGSWORTH, Joilet.....	1965-71
RICHARD J. NELSON, Evanston.....	1965-71

*

EX OFFICIO MEMBERS

RAY PAGE

Superintendent of Public Instruction, Springfield

JAMES A. RONAN

Director, Department of Finance, Springfield

*

OFFICERS

PAUL STONE, *Chairman*

NOBLE J. PUFFER, *Vice Chairman*

FREDERICK H. MCKELVEY, *Executive Officer*, Springfield

Eastern Illinois University is governed by the Board of Governors of State Colleges and Universities. The Board consists of nine members appointed by the Governor and two ex officio members designated by law.

ADMINISTRATIVE STAFF

(Date of Joining Staff in Parentheses)

OFFICE OF THE PRESIDENT

- QUINCY DOUDNA, Ph.D., LL.D.....*President* (1956)
 ASA M. RUYLE, JR., Ed.D.....*Assistant to the President* (1956)

OFFICERS OF INSTRUCTION

- HOBART F. HELLER, Ph.D.....*Vice President for Instruction* (1931)
 LAWRENCE A. RINGENBERG, Ph.D.....*Dean, College of Letters
 and Science* (1947)
 DONALD F. TINGLEY, Ph.D.....*Chairman, Division of
 Latin-American Studies* (1953)
 WILLIAM M. CLOUD, Ph.D.....*Chairman, Division of
 Pre-Engineering Studies* (1962)
 ROBERT J. SMITH, Ph.D.....*Chairman, Division of
 Pre-Medical Studies* (1955)
 RAYMOND A. PLATH, Ph.D.....*Chairman, Division of
 Social Science* (1946)
 WALTER M. SCRUGGS, Ph.D.....*Director, Division of
 Life Sciences* (1929)
 MARTIN SCHAEFER, Ph.D.....*Dean of the Faculty for
 Professional Education* (1958)
 LAVERN M. HAMAND, Ph.D.....*Dean of the Graduate School* (1957)
 JAMES F. GIFFIN, Ph.D.....*Director of the School
 of Business* (1947)
 HARRY J. MERIGIS, Ed.D..*Director of the School of Elementary
 and Junior High School Teaching* (1954)
 ROBERT G. SHADICK, Ed.D..*Assistant Director of the School
 of Elementary and Junior High School Teaching* (1964)
 DONALD G. GILL, M.Ed..*Principal of the Laboratory School* (1960)
 WALTER S. LOWELL, Ed.D.....*Director of the School
 of Health and Physical Education* (1961)
 ROBERT Y. HARE, Ph.D.....*Director of the School of Music* (1965)
 ROSCOE F. SCHAUPP, Ph.D.....*Director of Library Services* (1945)
 VERNE A. STOCKMAN, Ed.D..*Director of Audio-Visual Center* (1955)
 ROBERT C. WISEMAN, Ed.D..*Assistant, Audio-Visual Center* (1958)
 ROY J. VANDRESER, M.S.....*Assistant, Audio-Visual Center* (1962)

EASTERN ILLINOIS UNIVERSITY

OFFICERS OF ADMINISTRATION

- WILLIAM H. ZEIGEL, Ph.D. *Vice President for Administration* (1937)
- RUDOLPH D. ANFINSON, Ph.D. *Dean, Student Personnel
Services* (1940)
- ELIZABETH K. LAWSON, Ph.D. *Associate Dean and
Dean of Women* (1939)
- VIRGINIA E. SMITH, M.A. *Assistant Dean of Women* (1959)
- SALLIE A. GUY, M.A. *Residence Hall Counselor* (1961)
- JO ANNE STUEBE, M.S.Ed. *Residence Hall Counselor* (1962)
- JUDITH STRATTAN, M.S. *Residence Hall Counselor* (1963)
- BARBARA BUSCH, M.S.Ed. *Residence Hall Counselor* (1964)
- NANCY TAIT, M.S. *Residence Hall Counselor* (1964)
- SARAH M. THORBURN, M.A. *Residence Hall Counselor* (1965)
- DONALD A. KLUGE, M.A. *Assistant Dean and Dean of Men* (1957)
- MICHAEL B. HOCTOR, M.A. *Assistant Dean of Men* (1963)
- C. MICHAEL OLIVER, M.S. *Residence Hall Counselor* (1964)
- DWIGHT O. DOUGLAS, M.S.Ed. *Residence Hall Counselor* (1965)
- DONALD J. LARUE, M.S.Ed. *Residence Hall Counselor* (1965)
- CLIFFORD L. ROGERS, M.A. *Residence Hall Counselor* (1965)
- WILLIAM D. MINER, Ph.D. *Assistant Dean, Student
Personnel Services* (1950)
- JAMES D. COREY, Ed.D. *Director of Counseling Center* (1964)
- ROSS C. LYMAN, B.S. *Director of Financial Aids* (1961)
- RUTH H. GAERTNER, M.S. *Director of Residence Hall
Food Services* (1947)
- JERRY D. HEATH, M.D. *Director of Health Services and
University Physician* (1956)
- DONALD A. ROTHSCHILD, Ph.D. *Director of Testing Services* (1934)
- TYMON F. MITCHELL, M.S.Ed. *Director of University Union* (1959)
- RONALD R. ROBINSON, B.S.Ed. *Assistant Director of
University Union* (1965)
- ALLEN R. RIEMAN, B.A. *Assistant Director of
University Union* (1965)
- GLENN D. WILLIAMS, Ph.D. *Dean, Student Academic Services
and Director of Extension* (1960)
- MAURICE W. MANBECK, Ph.D. *Assistant Dean, Registration
and Records* (1957)
- SAMUEL J. TABER, M.S.Ed. *Assistant, Registration
and Records* (1960)
- ROBERT E. JONES, M.S. *Assistant, Registration
and Records* (1963)
- WILLIAM G. HOOPER, M.S.Ed. *Academic Adviser* (1962)

ROBERT D. SHIELDS, M.A.....*Academic Adviser* (1965)
SUE B. STONER, M.S.Ed.....*Academic Adviser* (1965)
JAMES F. KNOTT, M.A.....*Director of Placement* (1957)
ROBERT E. JONES, M.S....*Assistant Director of Placement* (1963)
MURRAY R. CHOATE, M.S.Ed.....*Director of Admissions
and High School Relations* (1962)
ROBERT E. DOUTHIT, M.S.....*Assistant Director of
Admissions and High School Relations* (1965)
HARLEY J. HOLT, M.S.....*Director of Business Services* (1963)
MARION ZANE, M.S.Ed.....*Assistant to the Director of
Business Services* (1965)
EVERETT ALMS.....*Acting Director of Physical Plant* (1965)
WAYNE E. WILLIAMS, B.S.....*Internal Auditor* (1961)
JOHN WALSTROM, M.S.Ed.....*Technical Director, Data
Processing Center* (1959)

**ALUMNI SERVICES, INFORMATION SERVICES
AND UNIVERSITY PUBLICATIONS**

KENNETH E. HESLER, Ed.M.....*Director of Alumni Services
and Public Relations* (1951)

HARRY READ, B.S.Ed.....*Director of Information
and University Publications* (1964)

ROGER R. CUSHMAN, M.A.....*Assistant, Information
and University Publications* (1964)

WILLIAM R. WILKERSON, Ed.D.....*Director of Bureau of
Institutional Research* (1965)

INSTRUCTIONAL STAFF

(Date of Joining Staff in Parentheses)
(Asterisk * Indicates Head of Department)

COLLEGE OF LETTERS AND SCIENCE

Lawrence A. Ringenberg, Ph.D.....*Dean* (1947)

Art

Calvin Countryman, D.Ed.*.....	<i>Professor</i> (1945)
Carl E. Shull, Ph.D.....	<i>Professor</i> (1947)
Lynn E. Trank, Ph.D.....	<i>Associate Professor</i> (1952)
Roland Leipholz, Ed.D.....	<i>Associate Professor</i> (1955)

EASTERN ILLINOIS UNIVERSITY

Ray V. Stapp, D.Ed.....	<i>Associate Professor</i>	(1964)
Virginia W. Hyett, A.M.....	<i>Assistant Professor</i>	(1944)
Herbert P. Neitzel, M.A.....	<i>Instructor</i>	(1964)
Garrett DeRuiter, M.F.A.....	<i>Instructor</i>	(1965)
Albert R. Hinson, M.F.A.....	<i>Instructor</i>	(1965)
Carl E. Wilen, M.F.A.....	<i>Instructor</i>	(1965)

Chemistry

Harris E. Phipps, Ph.D.*.....	<i>Professor</i>	(1931)
Melvin O. Foreman, Ph.D.....	<i>Professor</i>	(1946)
Sidney R. Steele, Ph.D.	<i>Professor</i>	(1947)
Robert J. Smith, Ph.D.....	<i>Professor</i>	(1955)
Weldon N. Baker, Ph.D.....	<i>Professor</i>	(1958)
George L. Cunningham, Ph.D.....	<i>Associate Professor</i>	(1961)
Julian J. Hamerski, Ph.D.....	<i>Associate Professor</i>	(1963)
Arnold J. Hoffman, M.S.....	<i>Assistant Professor</i>	(1945)
C. Dan Foote, Ph.D.....	<i>Assistant Professor</i>	(1965)

DIVISION OF LIFE SCIENCES

Walter M. Scruggs, Ph.D.....	<i>Director</i>	(1929)
------------------------------	-----------------	--------

Botany

Kenneth E. Damann, Ph.D.*.....	<i>Professor</i>	(1947)
Hiram F. Thut, Ph.D.....	<i>Professor</i>	(1932)
Charles B. Arzeni, Ph.D.....	<i>Associate Professor</i>	(1965)
John E. Ebinger, Ph.D.	<i>Assistant Professor</i>	(1963)
Terry M. Weidner, Ph.D.....	<i>Assistant Professor</i>	(1964)
Richard L. Smith, Ph.D.....	<i>Assistant Professor</i>	(1965)

Zoology

Garland T. Riegel, Ph.D.*.....	<i>Professor</i>	(1948)
Walter M. Scruggs, Ph.D.....	<i>Professor</i>	(1929)
Harry E. Peterka, Ph.D.....	<i>Professor</i>	(1947)
Max B. Ferguson, Ph.D.....	<i>Professor</i>	(1950)
Verne B. Kniskern, Ph.D.....	<i>Professor</i>	(1950)
Leonard Durham, Ph.D.....	<i>Professor</i>	(1955)
Hugh C. Rawls, Ph.D.....	<i>Associate Professor</i>	(1956)
Michael A. Goodrich, Ph.D.....	<i>Associate Professor</i>	(1964)
William J. Keppler, Ph.D.....	<i>Assistant Professor</i>	(1965)
Richard C. Funk, M.S.....	<i>Assistant Professor</i>	(1965)
Eugene Krehbiel, Ph.D.....	<i>Assistant Professor</i>	(1963)

Economics

Glenn A. McConkey, Ph.D.*.....	<i>Professor</i>	(1958)
Raymond A. Plath, Ph.D.....	<i>Professor</i>	(1946)

INSTRUCTIONAL STAFF

English

Eugene M. Waffle, Ph.D.*	Professor	(1926)
Francis W. Palmer, Ph.D.	Professor	(1945)
Robert L. Blair, Ph.D.	Professor	(1946)
Judd Kline, Ph.D.	Professor	(1948)
George W. Rommel, Ph.D.	Professor	(1953)
Robert V. Wharton, Ph.D.	Professor	(1956)
Marion Lee Steinmetz, Ph.D.	Associate Professor	(1960)
Robert F. White, Jr., Ph.D.	Associate Professor	(1960)
James A. Walker, Ph.D.	Associate Professor	(1963)
Hazel M. Batzer, Ph.D.	Associate Professor	(1964)
Richard N. Pollard, D. es L.	Associate Professor	(1964)
Vernon E. Johnson, Ph.D.	Associate Professor	(1965)
Daniel E. Thornburgh, M.A.	Assistant Professor	(1959)
George M. Colby, M.A.	Assistant Professor	(1962)
Sheldon S. Kagan, M.A.	Assistant Professor	(1965)
Henry Silverstein, M.A.	Assistant Professor	(1965)
Allan J. Wagenheim, M.A.	Instructor	(1964)
Gregg W. Parks, M.A.	Instructor	(1965)
William D. Miller, M.A.	Instructor	(1963)
Ronald M. Leathers, M.S.	Instructor	(1965)

Foreign Languages

Martin M. Miess, Ph.D.*	Professor	(1956)
Elizabeth Michael, Ph.D.	Professor	(1930)
Leo L. Kelly, Ph.D.	Associate Professor	(1965)
Geraldina Ortiz-Muniz, Ph.D.	Assistant Professor	(1962)
Gloria Ceide-Echevarria, Ph.D.	Assistant Professor	(1965)
Bruce E. Weier, M.A.	Instructor	(1964)

Geography

Dalias A. Price, Ph.D.*	Professor	(1958)
Elwyn L. Martin, Ph.D.	Associate Professor	(1956)
Walter H. McDonald, Ph.D.	Associate Professor	(1958)
Dewey H. Amos, Ph.D.	Associate Professor	(1965)
Paul W. Mausel, Ph.D.	Assistant Professor	(1965)

History

P. Rex Syndergaard, Ph.D.*	Professor	(1956)
Glenn H. Seymour, Ph.D.	Professor	(1929)
Donald F. Tingley, Ph.D.	Professor	(1953)
Lawrence Nichols, Ph.D.	Associate Professor	(1962)
Robert W. Sterling, M.S. in Ed.	Assistant Professor	(1956)
Robert Hennings, Ph.D.	Assistant Professor	(1962)
David J. Maurer, Ph.D.	Assistant Professor	(1962)
Stephen M. Horak, Ph.D.	Assistant Professor	(1965)

EASTERN ILLINOIS UNIVERSITY

John H. Keiser, Ph.D.....*Assistant Professor* (1965)
Neil A. Thorburn, Ph.D.....*Assistant Professor* (1965)
John D. Buenker, Ph.D.....*Assistant Professor* (1965)
Frank A. Miller, B.A.....*Assistant Professor* (1965)
Dan M. Hockman, M.S.Ed.....*Instructor* (1965)

Library Science

Choong H. Kim, Ph.D.....*Assistant Professor* (1965)
Richard W. Lawson, M.S. in L.S.....*Instructor* (1964)

Mathematics

Lawrence A. Ringenberg, Ph.D.*.....*Professor* (1947)
Alphonso J. DiPietro, Ph.D.....*Professor* (1959)
Bernard J. Derwort, Ph.D.....*Professor* (1964)
Jagdish L. Nanda, Ph.D.....*Associate Professor* (1964)
Lewis H. Coon, Ed.D.....*Associate Professor* (1965)
Ruth Erckmann, M.A.....*Assistant Professor* (1963)
Lloyd Koontz, M.A.....*Assistant Professor* (1963)
Delmar Crabill, M.S.....*Assistant Professor* (1963)
Jon M. Laible, M.A.....*Assistant Professor* (1964)
Charles L. Christmas, M.A.....*Assistant Professor* (1965)
Larry J. Williams, M.A.....*Instructor* (1964)
John W. LeDuc, M.S.....*Instructor* (1965)

Philosophy

Stuart L. Penn, Ph.D.*.....*Associate Professor* (1960)
William R. Brown, M.A.....*Assistant Professor* (1964)
Frank S. Taylor, A.M.....*Assistant Professor* (1965)

Physics

Glenn Q. Lefler, Ph.D.*.....*Professor* (1946)
Robert C. Waddell, Ph.D.....*Professor* (1948)
P. Scott Smith, Ph.D.....*Professor* (1953)
Snowden L. Eisenhour, Ph.D.....*Associate Professor* (1961)
William M. Cloud, Ph.D.....*Associate Professor* (1962)
Marvin Brieg, Ph.D.....*Associate Professor* (1963)
Henry A. Taitt, M.S.....*Assistant Professor* (1965)

Political Science

Charles P. Beall, Ph.D.*.....*Associate Professor* (1963)
Richard J. Bloss, Ph.D.....*Associate Professor* (1963)
Margaret Soderberg, Ph.D.....*Assistant Professor* (1962)
Leland Hall, M.A.....*Assistant Professor* (1965)

INSTRUCTIONAL STAFF

Psychology

Parviz Chahbazi, Ph.D.*	Associate Professor	(1965)
Arthur J. Looby, Ed.D.	Associate Professor	(1959)
Henry A. Stackhouse, Ed.D.	Associate Professor	(1960)
Harold G. Coe, Ph.D.	Assistant Professor	(1965)
Francis E. Summers, M.S.Ed.	Instructor	(1965)
Onas C. Scandrette, Ed.D.	Visiting Lecturer	(1965)

Sociology-Anthropology

William G. Wood, Ph.D.*	Professor	(1938)
Robert C. Timblin, M.A.	Assistant Professor	(1960)
Howard R. Delaney, M.A.	Assistant Professor	(1965)
John H. Moore, M.A.	Assistant Professor	(1965)

Speech

Donald P. Garner, Ph.D.*	Associate Professor	(1963)
Jon J. Hopkins, Ph.D.	Associate Professor	(1956)
Janet Norberg, Ph.D.	Associate Professor	(1963)
Beryl F. McClerren, Ph.D.	Associate Professor	(1964)
Elwood R. Tame, Ph.D.	Associate Professor	(1965)
Al G. Rundle, M.A.	Assistant Professor	(1963)
Ken E. Hadwiger, Ph.D.	Assistant Professor	(1964)
Calvin N. Smith, Ph.D.	Assistant Professor	(1965)
Roger G. Wiley, M.A.	Assistant Professor	(1964)
William B. Cash, Jr., M.A.	Instructor	(1964)
Charles G. Russell, M.A.	Instructor	(1965)

Speech Correction

Wayne L. Thurman, Ph.D.*	Professor	(1953)
John H. Robertson, M.A.	Instructor	(1962)

Theater Arts

E. Glendon Gabbard, Ph.D.*	Professor	(1947)
John E. Bielenberg, M.A.	Assistant Professor	(1959)
Raymond J. Schneider, Ph.D.	Assistant Professor	(1961)
Ann E. Smith, M.A.	Instructor	(1962)

FACULTY FOR PROFESSIONAL EDUCATION

Martin Schaefer, Ph.D.	Dean	(1958)
Arthur U. Edwards, Ph.D.	Professor	(1937)
F. Raymond McKenna, Ed.D.	Professor	(1953)
Louis M. Grado, Ph.D.	Associate Professor	(1955)
Joseph E. Carey, Ed.D.	Associate Professor	(1958)
Lahron H. Schenke, Ed.D.	Associate Professor	(1963)

EASTERN ILLINOIS UNIVERSITY

Robert Zabka, Ph.D.....*Associate Professor* (1964)
Henry Knapp, Ph.D.....*Associate Professor* (1965)
Harry R. Larson, Ed.D.....*Assistant Professor* (1960)
Paul D. Overton, Ed.D.....*Assistant Professor* (1960)
Fred MacLaren, Ph.D.....*Assistant Professor* (1961)
Earl Doughty, Ph.D.....*Assistant Professor* (1963)
Marvin A. Henry, Ed.D.....*Visiting Lecturer* (1963)
A. Lloyd Pulliam, Ed.D.....*Visiting Lecturer* (1963)

Administration and Supervision

Robert V. Shuff, Ph.D.*.....*Associate Professor* (1964)
Curtis R. Garner, Ed.D.....*Professor* (1955)
Gerhard C. Matzner, Ph.D.....*Professor* (1955)

Guidance and Counseling

Donald L. Moler, Ph.D.*.....*Professor* (1951)
Carl K. Green, Ed.D.....*Associate Professor* (1958)
William J. Crane, Ph.D.....*Associate Professor* (1961)
James D. Corey, Ed.D.....*Associate Professor* (1964)

SCHOOL OF BUSINESS

James F. Giffin, Ph.D.....*Director* (1947)

Accounting

Wesley E. Ballsrud, M.A.*.....*Assistant Professor* (1964)
Wayne E. Wyler, M.S.....*Assistant Professor* (1965)
Jerome J. Rooke, M.S.....*Assistant Professor* (1965)
Jon G. Norem, M.S.....*Instructor* (1964)

Business Education and Secretarial Studies

George K. Cooper, Ph.D.*.....*Professor* (1962)
John L. Roberts, Ph.D.....*Associate Professor* (1965)
Dayton K. Chase, Ed.D.....*Assistant Professor* (1965)
Jack Murry, Ed.M.....*Instructor* (1965)
Martha I. Drew, M.Ed.....*Assistant Professor* (1958)

Management

James A. Hallam, Ph.D.*.....*Associate Professor* (1958)
Robert E. Meier, M.S.....*Instructor* (1964)

Marketing

Clifford L. Fagan, Ph.D.*.....*Professor* (1949)
Timothy Gover, M.S.....*Assistant Professor* (1963)
Frank A. Sotka, M.S. in Ed.....*Assistant Professor* (1964)

INSTRUCTIONAL STAFF

SCHOOL OF ELEMENTARY AND JUNIOR HIGH SCHOOL TEACHING

Harry J. Merigis, Ed.D.....*Director* (1954)

Laboratory School

Donald G. Gill, M.Ed.*.....*Assistant Professor* (1960)
Lorene E. Ziegler, Ed.D.....*Professor* (1947)
Louise Murray, Ph.D.....*Professor* (1951)
Fred J. Bouknight, Ed.D.....*Associate Professor* (1959)
Mildred D. Morgan, M.A.....*Assistant Professor* (1946)
Velma V. Cox, M.Ed.....*Assistant Professor* (1948)
Betty R. Hartbank, M.S.....*Assistant Professor* (1956)
Phillip M. Settle, M.F.A.....*Assistant Professor* (1957)
Francis H. Craig, M.S.Ed.....*Assistant Professor* (1957)
Ann E. Jackson, D.Ed.....*Assistant Professor* (1958)
Mary L. Anderson, Ed.S.....*Assistant Professor* (1958)
William F. Buckellew, M.S.....*Assistant Professor* (1962)
Mary L. Carrico, Adv. C.....*Assistant Professor* (1963)
Dale Downs, Adv. C.....*Assistant Professor* (1963)
Anola E. Radtke, M.M.....*Assistant Professor* (1964)
Floyd A. Landsaw, M.S.....*Assistant Professor* (1965)
Richard L. Hooser, M.S.....*Assistant Professor* (1965)
Anna J. Ellis, M.A.....*Instructor* (1960)
Fred Hattabaugh, M.S.Ed.....*Instructor* (1965)

SCHOOL OF HEALTH AND PHYSICAL EDUCATION

Walter S. Lowell, Ed.D.....*Director* (1961)

Health Education

Jack J. Richardson, Ph.D.*.....*Associate Professor* (1965)
Harland A. Riebe, Ed.D.....*Professor* (1950)
Marguerite E. Green, M.P.H.....*Assistant Professor* (1958)
Gilbert E. Wilson, M.A.....*Assistant Professor* (1962)
James A. Herauf, M.S.....*Instructor* (1965)

Physical Education, Men

Maynard O'Brien, Ed.D.*.....*Professor* (1946)
John W. Masley, D.Ed.....*Professor* (1952)
William H. Groves, Ph.D.....*Professor* (1951)
William G. Riordan, Ph.D.....*Associate Professor* (1964)
Rex V. Darling, P.E. Dir.....*Assistant Professor* (1945)
Walter L. Elmore, M.A.Ed.....*Assistant Professor* (1948)
Harold O. Pinther, Jr., M.S.....*Assistant Professor* (1954)
William J. McCabe, M.A.....*Assistant Professor* (1962)
Robert W. Hussey, M.A.....*Assistant Professor* (1958)

EASTERN ILLINOIS UNIVERSITY

Francis L. Teller, M.A.....*Assistant Professor* (1963)
Curtis J. Twenter, Ed.D.....*Assistant Professor* (1964)
M. Thomas Woodall, Ph.D.....*Assistant Professor* (1965)
Clyde W. Biggers, M.A.....*Instructor* (1965)
Charles R. Vaughan, M.S.Ed.....*Instructor* (1965)
Paul A. Wheeler, M.S.....*Instructor* (1965)
Ben Newcomb, M.A.....*Instructor* (1965)

Physical Education, Women

Barbara M. Snow, Ed.D.*.....*Professor* (1964)
Dorothy M. Hart, Ph.D.....*Professor* (1947)
M. Marise Daves, Ed.D.....*Associate Professor* (1947)
Florence Prybylowski, Ed.D.....*Associate Professor* (1958)
Aline R. Elliott, M.A.....*Assistant Professor* (1944)
Winifred H. Bally, M.A.....*Assistant Professor* (1946)
Helen J. Riley, M.S.Ed.....*Assistant Professor* (1965)
Phyllis D. Nies, M.S.....*Instructor* (1965)

SCHOOL OF MUSIC

Robert Y. Hare, Ph.D.....*Director* (1965)

Instrumental Music

Earl W. Boyd, Ph.D.*.....*Professor* (1947)
George S. Westcott, Ph.D.....*Professor* (1949)

Keyboard

George P. Sanders, M.M.....*Instructor* (1964)

Music Education

J. Robert Pence, Ed.D.*.....*Associate Professor* (1951)
James H. Robertson, Ed.D.....*Associate Professor* (1956)
Ivan Olson, Ed.D.....*Assistant Professor* (1965)

Theory, History and Literature

Alan R. Aulabaugh, Ph.D.**.....*Associate Professor* (1957)
Robert W. Weidner, Ph.D.....*Associate Professor* (1965)

Vocal Music

John N. Maharg, M.M.E.*.....*Assistant Professor* (1958)
June D. Johnson, M.M.....*Instructor* (1960)

UNAFFILIATED DEPARTMENTS

Home Economics

Mary Ruth Swope, Ed.D.*	<i>Professor</i>	(1962)
Helen L. Devinney, A.M.	<i>Assistant Professor</i>	(1943)
Helen Haughton, M.S.	<i>Assistant Professor</i>	(1956)
Nancy Keppler, M.S.	<i>Instructor</i>	(1965)

Industrial Arts

Walter A. Klehm, Ed.D.*	<i>Professor</i>	(1938)
Ewell W. Fowler, Ed.D.	<i>Professor</i>	(1941)
Charles A. Elliott, Ed.D.	<i>Professor</i>	(1945)
Robert B. Sonderman, Ed.D.	<i>Professor</i>	(1956)
Clifford H. Erwin, D.Ed.	<i>Associate Professor</i>	(1956)
Clifford E. Strandberg, Ed.D.	<i>Associate Professor</i>	(1965)
Wayne D. Coleman, M.S.	<i>Assistant Professor</i>	(1957)

LIBRARY

Roscoe F. Schaupp, Ph.D.	<i>Director</i>	(1945)
--------------------------	-----------------	--------

Frances M. Pollard, Ph.D.	<i>Associate Professor</i>	(1963)
Margaret L. Ekstrand, A.M.L.S.	<i>Assistant Professor</i>	(1942)
Lee Anna J. Smock, A.M.	<i>Assistant Professor</i>	(1944)
Mary E. Scott, M.S.L.S.	<i>Assistant Professor</i>	(1948)
Richard L. Taylor, M.S.L.S.	<i>Assistant Professor</i>	(1961)
Rameshwar N. Paul, A.M.	<i>Assistant Professor</i>	(1962)
Bill V. Isom, M.S. in Ed.	<i>Assistant Professor</i>	(1964)
Choong H. Kim, Ph.D.	<i>Assistant Professor</i>	(1965)
Leslie Andre, M.A.L.S.	<i>Instructor</i>	(1962)
Richard W. Lawson, M.S.L.S.	<i>Instructor</i>	(1964)
Donald Swope, M.S.	<i>Instructor</i>	(1964)
Jennifer Chang, M.L.S.	<i>Instructor</i>	(1965)
Ruby H. J. Lee, M.S.	<i>Instructor</i>	(1965)

EASTERN ILLINOIS UNIVERSITY

FUNCTION

All programs of instruction at Eastern Illinois University are designed to help young people become educated persons, in the broadest sense of the term. Professional programs are offered in several fields. General liberal arts curricula are available in several disciplines for those wanting a broad education for its own sake or as preparation for later professional or graduate study.

RATING

The university has been accredited by the North Central Association of Colleges and Secondary Schools since 1915. It is also accredited by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel. It is a member of the American Council on Education and the American Association of Colleges for Teacher Education.

LOCATION

Charleston, county seat of Coles County, is located in east-central Illinois on highways 130 and 16. Highway 16 (four lanes) connects Charleston with Mattoon. Ozark Airlines furnish flights daily to and from Chicago and St. Louis from Coles County Airport. The city has a population of 12,000.

BUILDINGS AND GROUNDS

THE CAMPUS. The grounds cover an area of two hundred and sixty-six acres.

BURGNER TEN ACRES. A plot of wooded land in Coles County was deeded to the University in 1955 by Mrs. Helen Burgner Douglas of Mattoon in memory of her parents. The site is used for nature study.

ROCKY BRANCH AREA. Through the generosity of Nature Conservancy and an anonymous donor, a tract of 126 acres approximately 26 miles southeast of Charleston was given to the university early in 1966. The area is used mainly for study and research by the students and staff in the Division of Life Sciences.

LIVINGSTON C. LORD ADMINISTRATION BUILDING (OLD MAIN). The main building houses administrative offices; the library reserve room; and classrooms for the School of Business and the Departments of English, Psychology, and Mathematics. It is named for the university's first president. It was completed in 1899 as the university's first structure.

PEMBERTON HALL. This structure was enlarged in 1962 to accommodate 201 women. It was erected in 1909 as the University's first residence hall.

BUILDINGS, GROUNDS

FRANCIS G. BLAIR HALL. This building is now occupied by the School of Business, the Faculty for Professional Educational, the Audio-Visual Center, and the Data Processing Center. It is named for the first director of the training school. It was originally the university's training school.

PRACTICAL ARTS BUILDING. The Departments of Industrial Arts and Home Economics are currently housed in this building.

CHARLES PHILIP LANTZ GYMNASIUM. Facilities in this building include a gymnasium with bleacher capacity of approximately 2,000, a smaller gymnasium, and several classrooms and specialized areas. Now used for both men's and women's physical education, it will be assigned to women's physical education upon completion of the new Physical Education and Recreation Building. Its name will then be changed to Florence McAfee Women's Gymnasium.

SCIENCE BUILDING. This building contains classrooms and laboratories for the Departments of Chemistry, Geography, and Physics. It was completed in 1939 and remodeled in 1964.

LIFE SCIENCE BUILDING. Housed in this building are the Departments of Botany and Zoology and the Division of Health Education. Security Offices in a portion of the building are to be moved when new quarters are available. Associated with the Life Science Building is a complex of greenhouses. The major wing of the building was constructed in 1963, with the Annex added the following year.

THE MARY J. BOOTH LIBRARY. The library is named for Dr. Mary J. Booth, librarian from 1904 to 1945. It was opened in 1950 and is located in the center of the campus.

LINCOLN HALL AND DOUGLAS HALL. These residence halls were opened in September, 1952. Each houses 161 students.

NORTH HOUSE AND SOUTH HOUSE. North House and South House are ranch-type structures used for demonstrating home management as a part of the home economics curriculum. The Office of Admissions is currently located in the North House.

ROBERT G. BUZZARD LABORATORY SCHOOL. The campus laboratory school for kindergarten through grade nine was completed in 1958. It is named for the university's second president.

UNIVERSITY UNION. This building contains a cafeteria, the Panther Lair snack shop, a ballroom, lounges, recreation facilities, meeting rooms, and offices. It was completed in 1957. A substantial addition is under construction.

FORD, MCKINNEY AND WELLER HALLS. These three residence halls house a total of 454 women. They are named for former members of the university faculty. The structures were completed in 1958.

UNIVERSITY APARTMENTS. Living facilities for married students are provided in three housing units of thirty apartments each. Two of the units were completed in 1959, and the third in 1965. They are located on Terrace Lane at the south edge of the campus.

EASTERN ILLINOIS UNIVERSITY

FINE ARTS CENTER. This building houses the School of Music and the Department of Art. It contains a "little theater," numerous practice and rehearsal rooms for music, and studios and laboratories for the Art Department. It was completed in 1959.

ANDREWS HALL. This residence hall houses 480 women. It is named for a former faculty member, Dr. Franklyn Andrews and was opened in 1964.

CLINICAL SERVICES BUILDING. This structure houses the health service, testing center, reading, speech and hearing clinics, and counseling center. It was opened in September, 1964.

BUZZARD HOUSE. The former home of Eastern's second president houses the Assistant Dean of Student Personnel Services and the Director of Financial Aids.

CHARLES H. COLEMAN CLASSROOM BUILDING. This building is named for Dr. Charles H. Coleman, eminent Lincoln scholar and long-time member of the Department of History. The building houses the Departments of Speech, Foreign Languages, History, Sociology-Anthropology, Economics, Political Science, and Philosophy. It was completed in 1965.

BOOTH HOUSE. This building furnishes offices for the Civil Service Personnel Director, Director of Residence Hall Food Services, the Assistant Dean of Men, and the Assistant Dean of Women. The building is a bequest from the late Miss Mary Josephine Booth.

THOMAS HALL. This residence hall was completed in 1963. It houses 438 men and is named for the late Professor S. E. Thomas, long a member of the Social Science faculty.

PHYSICAL PLANT SERVICES BUILDING. This building is located in the far northwest corner of the campus and houses shops for personnel responsible for maintenance and operation of the physical plant.

TAYLOR HALL. This residence hall for 590 men is to be ready for occupancy in the fall of 1966. It is named for the late Dr. Edson H. Taylor, long a member of the Mathematics Department.

PHYSICAL EDUCATION AND RECREATION BUILDING. This building, to be occupied late in 1966, houses facilities for intercollegiate athletics and many recreational activities. It was financed partly from student fees and partly from tax funds. When dedicated, it will be named for the late Dr. Charles P. Lantz, head of the Department of Physical Education for Men for more than four decades.

APPLIED ARTS-EDUCATION CENTER. This building is to house the Departments of Home Economics and Industrial Arts and the Faculty for Professional Education. It is scheduled for occupancy in 1967.

GREGG TRIAD. The Gregg Triad was completed in 1966 as a dining hall to serve the occupants of Ford, McKinney, and Weller Halls. It is named for Mr. Raymond Gregg, Business Manager at the university from 1934 to 1963.

TELEPHONE AND SECURITY BUILDING. Offices of the Security staff and the equipment and personnel necessary for the operation of the university telephone system are to be housed in this building, scheduled for completion in late 1966.

THE SUMMER QUARTER AND EIGHT-WEEK GRADUATE SESSION

GENERAL INFORMATION

PLAN

A ten-week summer quarter, an eight-week graduate session, and various three-week workshops will be held in 1966. A student who takes any combination of ten-week and eight-week courses will be regarded as a full-time quarter student for purposes of determining his fees.

EXPENSES FOR SUMMER QUARTER

FEES FOR RESIDENTS OF ILLINOIS

Full-time Students

Registration Fee	\$40.00
Service Fee*	32.00
Health Insurance Fee	5.50
Total.....	<u>\$77.50</u>

Students taking *more* than eight quarter hours are regarded as full-time students.

Part-time Students

Registration Fee (per course).....	\$12.50
Service Fee** (per course)	7.50
Total.....	<u>\$20.00</u>

Workshop Students

Fees for three-week campus course.....	\$20.00
Fees for three-week off-campus workshop.....	26.50

EXPENSES FOR GRADUATE SESSION

FEES FOR RESIDENTS OF ILLINOIS

Full-time Students

Registration Fee	\$30.00
Service Fee***	24.25
Health Insurance Fee	4.15
Total.....	<u>\$58.40</u>

Graduate students taking *eight* quarter hours or more are regarded as full-time students.

Graduate Students Taking One Four Hour Course

Registration Fee	\$15.00
Service Fee****	13.00
Total.....	<u>\$28.00</u>

OUT-OF-STATE TUITION

The following additional charges are made for a student who is not a legal resident of Illinois.

Full-Time Student—Summer Quarter.....	\$57.00
Part-Time Student—Summer Quarter (per course).....	14.25
Full-Time Student—Graduate Session.....	\$42.50
Part-Time Student—Graduate Session.....	11.00

A student under 21 years of age is considered a non-resident of Illinois and subject to payment of out-of-state tuition fees unless the parents (or legal guardians) are residents of Illinois. This means that the parents (or legal guardians) have a permanent place of abode in Illinois of such nature as would qualify them to vote in the state. Students over 21 years of age are considered residents of Illinois only if they have established bona fide residence in Illinois for a period of twelve months preceding registration and are residents at the time of registration. An exception is made in the case of a woman student either under or over the age of 21 who becomes an Illinois resident because of marriage to a man who is a legal resident.

*Student Activity Fee—\$10, Bond Revenue Building Fee—\$14, Textbook Rental \$8.

**Bond Revenue Building Fee—\$5, Textbook Rental—\$2.50.

***Student Activity Fee—\$7.50, Bond Revenue Building Fee—\$10.75, Textbook Rental—\$6.00.

****Bond Revenue Building Fee—\$9.50, Textbook Rental—\$3.50.

OFFICIAL RECEIPT. The official receipt for university fees must be preserved by the student during the quarter or session involved. A fee of \$1.00 will be charged for any duplicate official receipt obtained from the cashier.

ACCIDENT AND SICKNESS INSURANCE. Any student who pays the full registration fee receives Major Medical coverage under the Student Group Plan of Accident and Sickness Insurance. An eligible student may, if he wishes, purchase coverage for his dependents with the same benefits provided.

A student who can produce evidence of equal or better coverage may make application for the medical fee refund.

Information concerning insurance benefits may be secured from the Director of Financial Aids.

HOUSING. Air-conditioned housing (board and room) is available for students desiring to live in a residence hall. Application for space, accompanied by a \$25.00 housing security deposit, should be made to the Dean of Women or Dean of Men. This deposit will be refunded if the student cancels the application and subsequent reservation at least three weeks prior to the first registration day of the summer quarter or the eight-week session. This deposit is held as guarantee against destruction or loss of University property. When occupancy ceases and all property, damage, and financial obligations are satisfactorily accounted for, the deposit is refunded, in whole or in part.

GENERAL INFORMATION

SUMMER QUARTER — JUNE 6 TO AUGUST 15

Single occupancy per student (room and board).....\$200.00

Multiple occupancy per student (room and board)..... 180.00

GRADUATE SESSION — JUNE 20 TO AUGUST 15

Single occupancy per student (room and board).....\$160.00

Multiple occupancy per student (room and board)..... 144.00

Single undergraduate students under 21 years of age are required to live in registered housing. Room rents range from \$7.50 to \$8.50 per week, per student. Lists of registered accommodations may be obtained from the Dean of Women or Dean of Men.

Apartments are operated by the University for married students. Students interested should write to the Director of Married Student Housing.

GRADUATION FEE. A graduation fee of \$15.00 for Master's degree and \$10.00 for Bachelor's degree is charged graduating students and is payable at the Business Office before July 1 for participation in summer commencement. See "Graduation Requirements."

CHEMISTRY BREAKAGE TICKET. A deposit of \$3.00 is required for a breakage ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of the amount not used for actual breakage. The ticket may be purchased at the Textbook Library.

LOCK PURCHASES. Padlocks for lockers used in physical education must be purchased at the University Union. The cost per lock is \$2.45.

TOWEL TICKET. The Divisions of Physical Education will issue each student participating in physical education, intramurals and inter-collegiate activities a towel free of charge. The student will be required to turn in the old towel to obtain a clean or new one at any time, including the beginning of the next quarter.

TRANSCRIPT FEE. The University will furnish one transcript of the academic record of a student when requested to do so. For each transcript issued after the first one a fee of \$1.00 will be charged. A fee of 50c will be charged for each extra copy of the transcript made at the same time. Transcripts will be issued only for students whose university accounts are clear.

APPLIED MUSIC FEE. A fee of \$7.50 is charged for each applied music course taken by a student whose major and minors are in fields other than music.

LATE REGISTRATION. A fee of \$15 is charged anyone who registers after the registration dates shown in the catalog, or who fails to pay all fees on registration day. This fee is non-refundable.

EASTERN ILLINOIS UNIVERSITY

CHANGE OF PROGRAM. A fee of \$5 is charged for each course after registration day. The fee is non-refundable; certain exemptions are permitted. All changes must be completed by the fifth class day.

TEXTBOOK LIBRARY FEE. A fee of \$1.00 is charged if the student's record in the Textbook Library is not clear at the close of the quarter. The cost of a damaged or lost book is also charged.

GENERAL LIBRARY SERVICE FEE. For failure to return books, pictures, and magazines to the University Library in accordance with regulations a service fee of \$1 is added to any overdue fine. For lost books, the list price plus a \$2 handling fee is charged. Failure to clear library records promptly results, by administrative action, in the loss of library privileges.

REFUND OF FEES. If a student withdraws from the University during a quarter by completing the procedure described under "Withdrawal" and if his initial notice of intention to withdraw is made to the Dean of Men or Dean of Women during the first ten calendar days following the first day of classes for the quarter or session, registration fees will be refunded. There will be no refund of the Service or Insurance fees. There is no refund of any fee if the withdrawal is initiated at a later date. The notice of intention to withdraw should be made in person, although a letter addressed to the Dean, Student Personnel Services declaring intention to withdraw and postmarked within the stated period is deemed equivalent to the initial notice. If the tenth day falls on a Sunday or within a stated vacation period, the next school day is considered as the tenth day.

A student called up for active duty or induction into the Armed Forces prior to the 27th regular class day of the quarter or session will be given a refund of all fees except the service and insurance fees.

The official receipt for university fees should accompany the request for refund.

REFUND. *Pre-registered Student.* If a student pre-registers and pays his fees prior to the regular registration date for the quarter or session but does not appear at the University for classes, all fees will be refunded, providing notice is given in writing to the Assistant Dean, Registration and Records, five calendar days prior to the announced day of registration. If such notice is not given within the prescribed period but is given during the first ten calendar days following the first day of classes for the quarter or session, only the registration fee will be refunded.

REFUND. *Student Denied Admission.* If a student pre-registers and pays his fees prior to the regular registration date but is subsequently denied admission to the University, all fees will be refunded.

SCHOLARSHIPS

TEACHER EDUCATION SCHOLARSHIPS. A valid teacher education scholarship must be on file in the Office of Financial Aids or the certificate must be presented at the time of registration. The scholarship covers the registration fee and the student activity portion of the Service Fee.

LEGISLATIVE SCHOLARSHIPS. Each member of the General Assembly may nominate annually from his district two persons, one of whom shall receive a certificate of scholarship to the University of Illinois and the other a certificate of scholarship to any other state-supported university designated by the member. Application is made directly to the legislator, who makes the appointment and notifies the president of the university. A second appointment can be made to fill the unused portion of the scholarship if the original recipient fails to use it. The scholarship covers the registration fee and the student activity portion of the Service Fee.

MILITARY SCHOLARSHIPS. Any person who served in the armed forces of the United States during World War I or any time after September 16, 1940 and who at the time of entering such service was a resident of Illinois, has been honorably discharged from such service and who possesses all necessary entrance requirements may be awarded a scholarship. This scholarship covers the registration fee and the student activity fee. The Military Scholarship may be secured by filing a photostatic copy of the discharge or separation papers with the Director of Veterans Services. A Military Scholarship covers four consecutive years and automatically terminates four years after date of issue. Limited extensions may be made because of military service or illness. A Military Scholarship cannot be used when a veteran draws federal subsistence.

TRAINING UNDER PUBLIC LAWS 634 AND 815

Veterans with 30% or more disability are eligible for training under Public Law 815. War orphans may receive training under Public Law 634. Applications are processed by the Office of Veterans Services at the University.

THE PAUL TURNER SARGENT ART GALLERY

The Paul Turner Sargent Art Gallery in Booth Library brings to the campus exhibitions selected from among the various areas of the visual arts. These shows include paintings, ceramics, photography, sculpture, jewelry, prints, textiles—each collection is on display usually for a three-week period. Special lectures and films related to the exhibitions are scheduled from time to time. This expansion of the Department of Art provides important original works for study in the art classes.

The gallery is named for the late Paul Turner Sargent, an alumnus of the University and a painter well known for his landscape work. Hours are 10:00 a.m. - 1:00 p.m. Monday through Thursday, 7:00-9:00 p.m. Monday and Wednesday evenings, and 12:30-3:00 p.m. Sunday. Arrangements for school groups may be made for other hours. The gallery is open to the public and a calendar of the shows may be secured by writing to the Department of Art.

The foyer of the Fine Arts Center also serves for smaller exhibits such as prints, photographs of sculpture, architecture, and contemporary forms of art.

THE FRANKLYN L. ANDREWS MUSIC ROOM

The Franklyn L. Andrews Recorded Music Room is a part of the recreational and cultural facilities made available to students in Booth Library. The room was named in memory of the late Franklyn L. Andrews, a member of the English Department from 1929 until his death in 1944.

Included in the record collection are symphonic music, complete operas, choral music, art songs, folk music, dramatic selections, anthologies of ancient music, and collections of jazz, musicales, and light opera. While the collection is designed primarily for recreational use, heavy demands are made on it by students and instructors in the School of Music. The Student Radio Station, WEIC, also makes considerable use of the materials available in the Andrews Room.

PLACEMENT OFFICE

Registration or re-registration with the Placement Office is prerequisite to graduation for all degree candidates. The Placement Office seeks to help competent Eastern graduates secure positions for which they are qualified and furnishes prospective employers with pertinent information needed by them in considering applicants. It also maintains a follow-up service through a program of visits and by means of reports from teachers themselves as well as from supervising officials of schools in which Eastern's graduates have been placed. Placement services are free to students who qualify.

TEACHER PLACEMENT SERVICES are available to undergraduates who have been in attendance at Eastern for a year, who have been admitted to a teacher education curriculum, and have attained senior status. Students working toward the M.S. in Education degree at Eastern may register with the Placement Office after attending for one term. Alumni may re-register upon payment of a fee of \$1.00.

INDUSTRIAL AND BUSINESS PLACEMENT SERVICES are available to B.A. and B.S. degree candidates in securing positions for which they are qualified. The Placement Office furnishes to prospective employers the candidate's credentials and renders other services fundamental to the selection of career employees.

OBSERVATION IN THE ROBERT G. BUZZARD LABORATORY SCHOOL

Students and visiting teachers on the campus are cordially invited to observe in the Laboratory School. Every classroom is open to observers at all times except when a sign, NO VISITORS PLEASE, appears on the door or if the seats provided for visitors in the room are filled. The Director of the School of Elementary and Junior High School Teaching and the supervisors will be glad to help students and visiting teachers find the observation opportunities they desire.

SUMMER QUARTER ACTIVITIES

UNIVERSITY UNION

Located in the center of the campus, the completely air-conditioned University Union offers facilities for dining, lounging, recreation and meetings. It also serves as a center for social, cultural, and recreational programs for students, faculty, alumni and friends of the University. Two kinds of recreation programs are sponsored by the Union for summer students: special interest programs which appeal to small groups and programs of general appeal to the entire summer enrollment.

Both the air-conditioned cafeteria and snack bar provide excellent food at reasonable prices to the student body and the general public.

RECREATIONAL ACTIVITIES

The University attempts to provide a program of recreational activities which will prove of interest and value to each student. Movies, concerts, lectures, summer theater, swimming, intramural games, and trips to state parks are features of the program. The campus provides opportunities for swimming, tennis and golf, and the proximity of Fox Ridge and Lincoln Log Cabin State Parks offers additional facilities for recreation.

Students are invited to submit suggestions for enriching the offerings to the office of the Dean, Student Personnel Services.

PHYSICAL EDUCATION

A broad program of physical education activities is made available to both men and women in the summer. It includes voluntary activities and intramural contests as well as regular physical education classes. Voluntary activities may include swimming, badminton, softball, tennis, archery, golf, horse-shoes, shuffleboard and other games, and daily sessions in physical fitness exercises designed to improve health and posture. Regular physical education classes meet two hours each week.

The physical education program is planned to provide maximum benefits to all students who wish to participate, and every student is urged to plan for regular periods of activity whether or not it is required.

The residence requirement in physical education is given on page 26 and the graduation requirement in physical education is given on page 29.

MUSIC ACTIVITIES

A band and chorus are organized for summer students. The band rehearses at 2:30 p.m.-4:00 p.m. each Tuesday and at 9:30 a.m.-11:00 a.m. each Thursday. A concert is presented on the last Tuesday evening of the summer quarter. The band also presents a program in connection with the Summer Commencement. The chorus rehearses each Monday

at 1:00 p.m., each Wednesday at 9:00 a.m., and one evening to be arranged. The chorus presents a concert during the ninth week of the summer quarter. Credit is offered for both band and chorus.

Special musical programs are presented at intervals throughout the summer; the student body and the public are invited to attend.

Students are invited to use the Listening Room in the Music-Theatre Building, Room T-012, or Andrews Recorded Music Room in Booth Library for listening purposes in connection with music classes.

ADMISSION

(a) Admission of Undergraduates

STUDENTS WHO HAVE NEVER ATTENDED ANY COLLEGE: Graduates in the upper two-thirds of their class in a recognized or accredited four-year high school may be admitted to take courses in the summer upon filing an application for admission, including a transcript of high school grades. Completed applications (including test scores, medical, personal information sheet, personality record and high school transcript) must be on file ten calendar days prior to the published official registration date for that quarter (May 27) and will not be accepted later. Individuals who are scheduled to be graduated from high school in 1966 may base their applications on the seventh semester record in high school, with the final transcript to be submitted upon graduation from high school. Applicants who rank in the lowest third of their class must make formal application and complete the American College Test before May 9. Persons in the lowest one-third of their high school classes will be admitted on academic final probation. Application forms may be obtained from the Admissions Office. Lowest third students admitted on final probation in the summer quarter must (1) register for a minimum of twelve quarter hours and remain registered through the quarter for a minimum of twelve quarter hours and (2) must satisfy retention requirements in order to continue in the fall quarter.

TRANSFER STUDENTS: Transfer students who wish to continue their studies at Eastern Illinois University and who have attended other colleges must file with the Admissions Office ten calendar days prior to the published official registration date for that quarter (May 27) a completed application for admission (as described in the preceding paragraph) and official transcripts from all colleges attended.

Transfer students who were in attendance elsewhere during the spring must file with the Admissions Office ten calendar days prior to the published official registration date for that quarter (May 27) a completed application for admission (as described previously), an official transcript of college or university work thus far completed, and a letter of good standing from the institution being attended. In these cases

supplemental transcripts showing all college or university work completed elsewhere must be submitted to the Records Office before the close of the summer quarter or grades will be withheld.

Transfer students who are not currently in good standing in the college last attended or who would not be in good standing according to Eastern's Academic Regulations may be admitted only by action of the Committee on Admissions. The Committee will review all completed applications received on or before May 27.

OFFICIAL PERMIT TO ENROLL: An official permit to enroll will be issued when the application for admission is completed. This permit must be presented in order to obtain registration materials.

(b) Readmission of Former Students

STUDENTS WHO HAVE BEEN ENROLLED at Eastern Illinois University during previous summers, in extension classes, or any quarter of the regular school year except the Spring Quarter of 1966 must secure from and file with the Records Office an Application for Readmission no later than Friday, May 27, 1966. A preregistration permit will be issued to those students who apply by the date above if they are in good standing and if their financial accounts are clear.

NUMBERING OF COURSES

Courses numbered 100-199 are normally freshman courses and may not be taken for full credit by students with senior standing. Courses numbered 200-299 are normally sophomore courses, but may be taken in any year. Courses numbered 300-399 and 400-499 are junior and senior courses. Junior and senior courses are not open to freshmen and sophomores. The student's program for a baccalaureate degree must include at least 64 quarter hours in undergraduate courses not open to freshmen and sophomores.

Courses numbered 500 to 549 are planned for graduates, but may be taken by seniors with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduates and consequently may not be offered for credit toward a baccalaureate degree. Certain courses numbered below 500 may be taken for credit toward the Master's Degree. These are identified in the course descriptions.

COURSE LOAD

Undergraduate Summer Quarter

Sixteen quarter hours of regular courses are considered to be a full load in the undergraduate summer quarter. To this may be added nominal credit courses in physical education, not to exceed two quarter hours.

No student may register for more than the full load as defined above during the summer quarter.

A student who is registered for not more than eight quarter hours of regular courses is considered a part-time student.

See page 47 for further information concerning students carrying undergraduate courses in the ten-week quarter and graduate courses in the eight-week graduate session.

Graduate Summer Session

Twelve quarter hours of regular courses are the maximum load in the graduate summer session.

A student who is registered for eight quarter hours in the graduate summer session is considered a full-time student.

WITHDRAWAL FROM A COURSE OR FROM THE UNIVERSITY

A student may drop a course within the first thirty-four school days following registration day upon the recommendation of his adviser and the approval of the Dean of Student Academic Services. Drop cards should be obtained from the Office of Registration.

A student who wishes to withdraw from the university before the end of a quarter or summer term begins his withdrawal at the Office of the Dean of Student Personnel Services. This notification must be accompanied by a clearance sheet which may be obtained from the Office of the Dean of Student Personnel Services. This sheet when filled out should certify that all obligations, including the return of textbooks and library books, the return of departmental equipment loaned to the student, the return of the identification card, etc., have been met. After the clearance sheet has been filled out certifying that all obligations have been met, the sheet is turned in to the Office of Registration and Records.

If a student drops a course or leaves the University on or after the tenth school day of the quarter he will be given WP in any course in which he is doing passing work; he will be given WF if he is doing failing work. In particular, the grade of WF must be recorded if prior to the date that the withdrawal was formally initiated by the student, the number of "unjustified" absences has been great enough so that the student cannot be considered as having done the work of the course to date. When illness or other medical reasons, certified by the University physician, require a student to withdraw from a course or from the University the grade will be WP or WF depending on whether the student was passing or failing at the time of the onset of the illness as determined by the University physician. However, when a first quarter freshman leaves school within the first twenty-five days of classes (5 weeks) the Records Office is authorized and directed to record grades of WP in all courses.

No student may drop a course after the thirty-fourth school day following registration day unless illness (certified by the University physician) or extended absence from the campus certified by the Dean of Student Personnel Services as legitimate and unavoidable has caused the student to drop behind in all of his courses to the point where his load must be lightened.

No student may initiate withdrawal from the University later than three school days prior to the date of the first regularly scheduled final quarterly examination.

If a student discontinues attendance in all classes without withdrawing officially, grades of F are recorded in all courses, and his record is marked "Dropped on account of low scholarship" if transferred to another institution.

Policies covering the withdrawal of students from school because of a call to active military duty have been developed by the Council on Academic Affairs and are on file in the administrative offices.

The grade of WF carries the same grade point implications as the grade of F.

GRADES

Grades are expressed in letters as follows:

A—Excellent	4 grade points
B—Good	3 grade points
C—Average	2 grade points
D—Poor, but passing*.....	1 grade point
E—Condition (Incomplete work)**.....	
F—Failure	0 grade point
WP—Withdrew, Passing	
WF—Withdrew, Failing	
Au—Audit	
Cr—Credit (See "Proficiency Examinations")	

*Passing but not accepted toward graduation or toward admission to student teaching if more than one-fourth of the student's credits have a grade of D.

**The grade of E is given only when there exists a plan for making up the work. When the work has been made up the grade of E is replaced by the grade earned in the course. If the work is not made up according to plan, during the next quarter in residence, the grade of E stands on the student's permanent record.

RESIDENCE REQUIREMENT IN PHYSICAL EDUCATION

University students who are enrolled during the regular school year are required to attend classes in physical education activities during the summer quarter unless they have earned six quarter hours of credit in these courses. Once scheduled, physical education may not be dropped except for urgent reasons and then only when authorized by the Dean of Student Academic Services.

Students who attend only in summer and who will not become candidates for graduation are released from physical education requirements.

Students who attend only in summer quarter and who will become candidates for graduation are released from physical education requirements after they have earned six quarter hours of credit in physical education service courses, or after they have attained the age of thirty-eight.

ENGLISH PROFICIENCY FOR GRADUATION

Students must attain a demonstrated degree of proficiency in English prior to graduation. Considered proficient are: (1) Students who have passed the Junior English Examination, now discontinued. (2) Students who have achieved at least a "B" average in English 120 and 121. (3) Transfer students exempt from English 220. (4) Students who have taken English 220 and achieved a grade "C" or "AC" on the departmental examination. Students in curricula not requiring English 220 can satisfy the proficiency requirement by achieving a "C" grade or higher in the English 220 departmental examination.

Questions concerning the policies should be directed to the English Department.

CONSTITUTION EXAMINATION

The passing of an examination on the Declaration of Independence, the Flag Code, and the Constitutions of Illinois and the United States is a graduation requirement for any degree or diploma. This examination is held on Tuesday, July 19 at 2:00 p.m., in the Union Ballroom. (The examination given by county superintendents for the renewal of teachers certificates may not be substituted for this examination.)

ADMISSION TO TEACHER EDUCATION AND STUDENT TEACHING

Admission to the University does not automatically admit to teacher education. Only students who have been admitted to teacher education may register for departmental methods, education and teaching practicum courses (except Education 120, 121 and 232 where required).

Students following a B.S. in Education degree program, either elementary or secondary, must be admitted to teacher education (except as noted below) prior to carrying departmental methods, education and teaching practicum courses.

Non-transfer students must make application for admission to teacher education prior to earning 100 quarter hours (excluding nominal course credit) and be admitted prior to having acquired 120 hours (excluding nominal course credit).

Transfer students entering with less than 84 quarter hours of accepted credit (excluding nominal course credit) must have applied by the time they have earned 100 quarter hours and be admitted by the time they have earned 120 hours. Those entering with more than 84 quarter hours (excluding nominal course credit) must have been admitted by the close of their third quarter at Eastern Illinois University. These latter persons may for two quarters carry departmental methods and education courses, but not student teaching.

All transfer students and returning students should contact the Dean of the Faculty for Professional Education immediately after entering or returning if they contemplate seeking admission to teacher education.

Persons with a baccalaureate degree in a recognized college may carry departmental methods, and education courses, but not the teaching practicum, without admission to teacher education.

Teachers in service may carry departmental methods and education courses, except the teaching practicum, without admission to teacher education, but will be expected to make application during the first quarter they return for residence study.

A complete statement of regulations for admission to teacher education and the teaching practicum may be found on pages 105-109 of the 1965 catalogue.

THE CURRICULUM IN ELEMENTARY EDUCATION

Persons planning to teach at the elementary or junior high school level and who entered Eastern Illinois University after September 1, 1961, follow a *New* curriculum pattern. A copy of the new curriculum appears in the 1965 academic year catalogue p. 113.

The following outline of the curriculum in Elementary Education is presented to guide persons who entered Eastern Illinois University prior to September 1, 1961, and who are working toward a degree in elementary education. Completion of this curriculum satisfies the requirements of the State Certification Board for an Elementary School Certificate.

Elementary Education Curriculum for Students Who Entered Prior to September 1, 1961.

	Qtr. Hrs.
Art 140 (130), 244 (224)	8
Biology 126, 127, 128	12
Education 120, 230 (or elective), 232, 324, 325 (327), 328, 344, 440 (445)	32
English 120, 121, 322 (122) or 126, 250 or 252 and one of 252, 355, 370, 453, 455, 456, 457, 471 or 472	20
Geography 300, 301, 302	12
Health Education 120	4
Industrial Arts 224 or 225	4
Music 120, 228 (328)	8
Mathematics 120, 121 (122, 123), 320 or 321	8
Physical Science 100, 101, 102	12
Psychology 231, 447	8
History 146 (244 or 245), 147 (246 or 247), 148 (248) 233, 234, 235	24
Speech 345 or 131	4
Student Teaching Ed. 441, 442, 443	12
Electives	24*

Total 192

*May include 4 quarter hours in Music Ensemble credit.

With the addition of:

Physical Education 315, 316, 317 or Women's Physical Education 360

Physical Education Activity Courses (6 q. h.)

Junior English Examination

Constitution Examination

GRADUATION REQUIREMENTS

JUNIOR COLLEGE DIPLOMA. (See annual catalogue.)

BACHELOR OF SCIENCE AND BACHELOR OF ARTS. The degrees Bachelor of Science and Bachelor of Arts are conferred upon completion of curricula as described in the annual catalogue. For special requirements see the annual catalogue.

BACHELOR OF SCIENCE IN EDUCATION. The degree, Bachelor of Science in Education, is conferred upon graduation from a prescribed four-year curriculum.

The residence requirement is sixty-four quarter hours, of which forty-eight quarter hours must be in courses taken after the student has attained junior standing.

Each curriculum that leads to a Bachelor's degree requires the completion of 192 quarter hours of academic courses with the addition of required physical education, the passing of English Proficiency Examination and the Constitution Examination.

The physical education requirement for graduation comprises six quarter hours of credit as noted in the special instructions given on pages 29 and 30.

An average of 2.0 is required for graduation. Not more than one-fourth of the grades counted toward graduation may be D.

Sixty-four quarter hours of credit toward graduation must be in courses not open to freshmen and sophomores in the institution where they were taken.

Only students who have obtained approval for programs of study whereby all requirements for graduation will be met prior to the close of the regular summer quarter are admitted to the summer commencement.

Registration in the Placement Office is prerequisite to graduation.

Application for graduation must be filed by the student at the Records Office prior to July 1.

The graduation fee is payable and cap and gown measurements are due at the Business Office prior to July 1. (See Miscellaneous Fees).

GRADUATE STUDY

GENERAL INFORMATION

DEGREES

The University offers on the fifth-year level the professional degree, Master of Science in Education (M.S. in Ed.), and the specialized degrees, Master of Arts (M.A.) and Master of Science (M.S.). The Specialist in Education degree (Ed.S.) is offered on the sixth-year level.

ADMISSION

(See below)

Admission of Graduates

APPLICANTS FOR THE MASTER'S DEGREE

Admission to take courses is granted to a graduate with a bachelor's degree earned in a curriculum of at least 120 semester hours in an approved college. Admission to courses does not imply admission to candidacy for the master's degree.

A student who wishes to take graduate courses without becoming a candidate for the master's degree must file with the Dean of the Graduate School an application together with a letter from his undergraduate college certifying his bachelor's degree.

A student who expects to apply for admission to candidacy for the master's degree must file the application together with two complete transcripts of undergraduate work.

All credentials should be filed at least thirty days prior to registration.

Students who have attended Eastern before must file an application for readmission.

A nonrefundable application fee of \$15.00 must accompany all applications to take graduate courses.

Application blanks may be secured by writing to the Dean of the Graduate School.

APPLICANTS FOR THE SPECIALIST IN EDUCATION DEGREE

The requirements for admission to take graduate courses under the Specialist in Education Degree program are the same as those required for the master's degree.

Applicants for admission to candidacy for the degree must formally apply for admission to the program by the time they have successfully completed sixty-four quarter hours.

ADVISER

Each student who wishes to become a candidate for a degree is assigned to an adviser. It is the responsibility of the adviser to counsel with the student in his choice of courses, to sponsor his application for admission to candidacy, to approve his paper or study, and to arrange his examinations. Other faculty members may be appointed to share any of these responsibilities.

RESIDENCE REQUIREMENT AND TRANSFER CREDIT

At least thirty-six quarter hours of credit toward the Master's degrees must be earned in residence courses at Eastern Illinois University; the remaining credit may be earned in extension and/or transfer courses. One quarter in the regular year or two summer sessions must be spent in full-time residence.

For the Specialist in Education degree, at least forty-eight quarter hours of the total of ninety-six must be earned in residence credit at Eastern Illinois University. One quarter in the regular year or two summer sessions must be spent in full-time residence.

Residence credit is given for evening and Saturday courses on the campus. No credit is allowed for correspondence courses.

MAXIMUM LOAD

The maximum amount of credit toward a graduate degree that may be earned in full-time residence in any quarter of the calendar year is sixteen quarter hours. The maximum that may be earned in an academic year by a teacher who is employed full-time is twelve quarter hours; simultaneous enrollment in two or more courses is not permitted.

Maximum load for the summer eight-week graduate session is twelve quarter hours.

GRADUATE COURSES IN THE SENIOR YEAR

During the final quarter of residence in undergraduate work, a student may take graduate courses with credit which represents the difference between that required to complete the undergraduate degree and the maximum allowed a graduate student in that term.

TIME LIMIT

The program for the Master's degrees must be completed within six consecutive years; that for the Specialist in Education degree must be completed within four years after admission to candidacy. Extension of time may be granted only when a delay has been caused by circumstances beyond the control of the student.

DEGREE REQUIREMENTS

MASTER OF SCIENCE IN EDUCATION DEGREE

AIM

It is the purpose of this program of graduate study at Eastern Illinois University to offer experiences designed to advance the professional and personal competence and scholarship of teachers and other educational workers in public schools.

FIELDS

The Master of Science in Education degree may be earned in the following fields:

- Art
- Biological Sciences
- Business Education
- Education
 - Educational Administration
 - Elementary Education
 - Guidance and Counseling
- English
- Foreign Languages
- Geography
- History
- Industrial Arts
- Mathematics
- Music
- Physical Education—Men
- Physical Education—Women
- Physical Sciences
- Social Sciences
- Speech

ADMISSION TO CANDIDACY

Admission to candidacy for the degree, M.S. in Ed., is subject to the following conditions:

1. If the bachelor's degree was earned at another institution, the applicant must submit evidence that he has had substantial equivalents of the courses in education and student teaching required for the degree, B.S. in Ed., in Eastern Illinois University. Usually, one who holds a regular teacher's certificate valid in Illinois can meet this requirement. Deficiencies must be made up through additional undergraduate courses.

2. The Graduate Record Examination must be taken before an application for admission to candidacy for a graduate degree will be considered. The Examination may be scheduled through the University Testing Services or the Graduate School.

3. The student must petition for admission to candidacy. The petition must be sponsored by the student's adviser. It must contain a proposed program of courses totaling at least 48 quarter hours selected in accordance with the Plan of Studies.

4. Admission to candidacy will result from:

- a. Approval of the petition, or acceptance by the student of a modified program prescribed by the Council on Graduate Studies together with:
- b. The completion of 12 quarter hours of courses at Eastern Illinois University of the approved program, with grades that average 3.0, and with grades in all graduate courses taken, including those which may not have been included in the program, averaging at least 2.5. (The requirement of the completion of 12 quarter hours is waived for students possessing a 3.0 or better undergraduate grade point average.)

The Council on Graduate Studies in its consideration of the petition has the authority:

To approve, or to reject, the petition.

To prescribe additional courses for students whose undergraduate records show standing in the lowest third of the class or, in the case rank cannot be determined, grades averaging below 2.5.

To demand supporting evidence of the possession of desirable personal qualities of a teacher.

Failure to secure admission to candidacy prior to beginning the final 24 quarter hours of a proposed program for the master's degree is considered equivalent to rejection of candidacy.

PROGRAM OF STUDIES

The courses for the degree, Master of Science in Education, must total at least 48 quarter hours, chosen in accordance with a plan intended to be consistent with the statement of the purpose of graduate study at Eastern Illinois University. At least 36 quarter hours of work included in the student's program must be in courses numbered 500 or above.

It is assumed that the personal and professional competence sought by the candidate has at least three contributing factors: basic educational theory, specialized professional knowledge and experiences, and continued cultural and intellectual development independent of the field of concentration; the plan, therefore, requires that the student's courses be identified with three groups defined as follows:

GROUP I (12 quarter hours)

Basic Courses in Education

It is the purpose of the courses of this group to present aspects of fundamental educational theory. Three courses must be chosen from the following:

Education 550. Principles of Curriculum Development

Education 551. Social Foundations of Education

Education 552. Understanding the Individual

Education 553. Philosophy of Education

Education 554. History of Educational Thought

It is recommended that no more than one of these courses be taken in any quarter or summer term.

A student may petition for a proficiency examination in any of these courses; successful completion of the examination permits the substitution of elective courses of equivalent credit in the program of studies.

GROUP II (24 or 28 quarter hours)

Area of Concentration

The courses of this group are intended to constitute an area of specialization. They may be taken in a single department or in more than one department; the unifying principle is their significance to the teaching field or the specialized professional work of the candidate. An important consideration in admission to candidacy for the degree, Master of Science in Education, is the unity displayed in the selection of the courses of this group.

GROUP III (12 or 8 quarter hours)

The courses of this group are intended to implement the assumption that continued cultural and intellectual development independent of the field of concentration may contribute significantly to professional and personal competence. It is intended that these courses shall provide new intellectual experiences, consequently, they should be chosen in fields that are new to the student. The courses acceptable in Group III are planned specifically for the purpose stated above. It is intended that they assume intellectual maturity but little or no previous introduction to the field of study. Normally a student is eligible to take a Group III course if he has taken twelve quarter hours or less in that field.

The following courses are currently acceptable in Group III: Anthropology 550; Art 550, 551; Botany 550, 551, 552; Business 550; Classics 550, 551 (Literature in Translation); Economics 550; English 550, 551; Geography 550, 551, 552; History 550, 551, 552; Industrial Arts 550; Mathematics 550; Music 550, 551; Philosophy 550; Physical Education 550, 551; Political Science 550; Zoology 550, 551.

THE PAPER

Every candidate who is granted the degree, Master of Science in Education, must present evidence of his ability to conduct an independent study and to report his findings in writing of a quality appropriate to the master's degree level of maturity. The report must be in a style and form acceptable in formal writing. It is recommended that the subject of the paper grow out of an aspect of Group II of the candidate's program of studies. The candidate may elect one of two plans for satisfying this requirement.

PLAN A. Candidates electing to complete requirements under this plan may register, and receive four quarter hours of credit toward graduation with the credit included as a part of Group II. The student's adviser may act as adviser for the paper, or another faculty member may, with the consent of the Graduate Dean, be designated to take this responsibility. It is recommended that the paper be read by at least two faculty members other than the adviser before it is given final approval. Candidates who contemplate graduate study beyond the master's degree are urged to elect Plan A.

It is required that the original and first carbon copy of the paper submitted under Plan A, appropriately bound, be deposited in the University Library. An abstract of the Plan A paper is also required.

PLAN B. Candidates electing to complete requirements under this plan may submit a term paper from a course in Group II in fulfillment of the requirement. To be acceptable for this purpose, the paper must be so certified by the candidate's adviser and the instructor of the course in which the paper is submitted.

It is required that the original copy of the paper submitted under Plan B, appropriately bound, be deposited in the office of the Dean of the Graduate School.

THE EXAMINATION

An examination is required of all candidates for the degree, Master of Science in Education, during the final term of work. The purposes of the examination are to test the achievement of the student with respect to the purpose of his program of studies and to promote the integration of his studies.

The examination is given by a committee appointed by the adviser. It may be written, or oral, or both written and oral. The passing of the examination must be certified by the adviser at least two weeks before graduation.

MASTER OF ARTS AND MASTER OF SCIENCE DEGREES

AIM

It is the purpose of this program to provide intensive study designed to develop advanced scholarship in a particular discipline.

FIELDS

Three departments have been authorized to offer the Master of Arts degree—History, Mathematics, and Music. Two departments have been authorized to offer the Master of Science degree—Physics and Speech Correction.

ADMISSION TO CANDIDACY

While responsibility for admission to candidacy for the Master of Arts and Master of Science degrees rests with the department offering the degree, the University has established certain basic requirements that must be met. There are:

1. Adequate undergraduate preparation in the major field; deficiencies, as determined by the major department, must be made up without credit toward the degree.
2. The Graduate Record Examination must be taken before an application for admission to candidacy for a graduate degree will be considered. The Examination may be scheduled through the University Testing Services or the Graduate School.
3. The student must petition for admission to candidacy and the proposed program of courses must total at least forty-eight quarter hours. Petition forms may be obtained from the Dean of the Graduate School.
4. The candidate must have completed at least one course in his major field and his grade in that course and all other courses listed on his application for admission must average 3.0 (B). (The requirement of the completion of one course is waived for students possessing a 3.0 or better undergraduate grade point average.)
5. The candidate must not have completed more than 24 quarter hours of his program at the time of filing an application for admission to candidacy.
6. At least thirty-six quarter hours of the proposed program must be in courses numbered 500 and above.
7. When a candidate's program is approved by his department, a copy is placed on file in the Graduate School office. Once on file, the major department is expected to approve changes in the program only for very good reasons. The Graduate School must be notified if any such changes in the program are made.

The department requirements for admission to candidacy may be obtained by communicating with the head of that department.

PROGRAM OF STUDIES

The courses for the degree must total at least 48 quarter hours. Since the degree is highly specialized, the candidate is expected to pursue work in a single discipline or major in a field and minor in another closely related one.

MAJOR AND MINOR

A student's program of courses may be taken entirely in a single field or he may choose a major of 32 to 36 quarter hours and a related minor of 16 to 12 quarter hours. The major and minor must be in single disciplines, not in "areas;" for example, history would be an acceptable

major but "social science" would not. A major can be given only by a department which has received approval. A minor may be taken by a student in a discipline in which a major has not been developed. The major and minor program selected must total at least 48 quarter hours.

THE PAPER

Four quarter hours or more of the major shall be reserved for a thesis. An exception to this requirement is made in departments where independent research would be required but the formality of a thesis would be impractical. The student's adviser may act as adviser for the thesis or another faculty member may, with the consent of the department, be designated to take this responsibility.

It is required that the original and first carbon copy of the thesis, appropriately bound, be deposited in the University Library. An abstract of the thesis is also required.

THE EXAMINATION

Each candidate for the degree must stand a comprehensive oral or written examination or both. This is given by his department and covers his major field. The purpose of the examination is to test his scholarly attainments in his discipline. The department must remand a student to further work if he fails to perform satisfactorily in this examination.

LANGUAGE REQUIREMENT

The various departments offering the degrees have the option of requiring a foreign language.

GRADUATION REQUIREMENTS FOR THE MASTER'S DEGREES

The master's degree is conferred upon:

1. The completion of the approved program of studies of 48 quarter hours with grades that average B (3.0 or higher) and with not more than eight quarter hours of courses with grades below B.
2. Certification by the adviser not later than the middle of the last term of residence that an acceptable paper or research project has been completed and approved.
3. Satisfactory performance in a comprehensive examination.
4. Passing an examination on the Declaration of Independence, the proper use and display of the flag, the Constitution of the United States, and the Constitution of Illinois. This requirement may be waived if the candidate passed the examination as a requirement for an undergraduate degree at one of the state universities in Illinois. The examination must have been passed within ten years of applying for the graduate degree.

UNIVERSITY REQUIREMENTS

5. Meeting the following incidental requirements:

- a. The graduation fee of \$15.00 must be paid before April 1 by candidates for graduation at the Spring Commencement or before July 1 by candidates for graduation at the Summer Commencement.
- b. A photograph, size not larger than 1½ by 2½ inches, is required of each candidate for graduation for the files of the Records Office.
- c. The candidate must register with the Placement Bureau, or revise previous registration.

All requirements are subject to the rules governing residence, transfer of credit, and extension credit.

GRADUATION HONORS

A master's degree candidate who earns a 3.9 grade point average for the forty-eight quarter hours of his program receives the honors designation "With Distinction." Such honors will be entered on the candidate's diploma.

APPLICATION FOR GRADUATION

Degrees are conferred at two commencements each year, Spring Commencement at the close of the spring quarter, and Summer Commencement at the close of the summer session.

A student who expects to complete his requirements must apply for graduation prior to April 1 for Spring Commencement, or July 1 for Summer Commencement. An application is filed at the Records Office and the graduation fee paid at the Business Office.

SPECIALIST IN EDUCATION DEGREE

AIM

It is the purpose of this program to provide more advanced and intensive graduate study for public school personnel specializing in such fields as educational administration.

FIELDS

Eastern Illinois University has been authorized to offer the Specialist in Education degree (Ed.S.) in educational administration.

ADMISSION TO CANDIDACY

Admission to candidacy for the Specialist in Education degree should come ordinarily at the completion of 48 quarter hours of the program. Admission to candidacy must come at or before the completion of 64 quarter hours and is subject to the following additional conditions:

1. The student must complete the requirements ordinarily fulfilled by earning the master's degree. Formal receiving of the master's degree is left to the discretion of the student.
2. The Graduate Record Examination must be taken before an application for admission to candidacy for a graduate degree will be considered. The Examination may be scheduled through the University Testing Services or the Graduate School.
3. The student must petition for admission to candidacy. The petition must be sponsored by the student's adviser and must contain a proposed program of studies totaling at least 96 quarter hours selected in accordance with the Program of Studies for the Specialist in Education degree.
4. Admission to candidacy will result from:
 - a. Approval by the Council on Graduate Studies and the major department of the student's program of studies.
 - b. Passing a comprehensive examination, either written or oral or both.
 - c. An evaluation of the student's record to date. If a master's degree was taken independently of the Ed.S. program, the courses taken for the degree will be evaluated and there is no assurance that all credit hours will automatically count toward the Specialist in Education degree.
 - d. Approval by the major department's screening committee. By means of interviews, the department offering the Ed.S. must approve the candidate.

PROGRAM OF STUDIES

The courses proposed in the student's program for the Specialist in Education degree must total 96 quarter hours. Ordinarily, in the first 48 quarter hours the student will complete the requirements for a master's degree although it is not required that the master's degree be completed within the first half of the total program.

The final 48 quarter hours of the Ed.S. are specifically planned to satisfy certification and accreditation requirements and are divided into two parts — the major field and supporting academic minor.

PHASE I (48 quarter hours)

Earning the master's degree with a major in the field in which the student plans to continue work toward the Specialist in Education degree will satisfy this requirement. For details on the program of studies for the master's degree see pages 36-37 of this catalogue.

PHASE II (48 quarter hours)

PART 1. *The Major Field* (24 or 28 quarter hours). The major department has developed a program of courses not only to meet certifi-

cation requirements but to develop further the student's professional competence. This program can be secured by writing or visiting the department.

PART 2. *The Academic Minor* (24 or 20 quarter hours). An academic minor of at least 20 quarter hours must be selected. It is recommended these courses be taken in fields that will bring greater understanding and support for the major. Recommended are certain courses in the social sciences, business, history, and psychology. For more specific lists of eligible courses, consult with the department offering the major.

FINAL EXAMINATION

The candidate for the Specialist in Education degree must stand a final comprehensive examination which may be written or oral or both written and oral. This examination is given by a committee appointed by the adviser. The passing of this examination must be certified by the adviser at least two weeks before completion of the requirements for the Ed.S.

GRADUATION REQUIREMENTS FOR THE Ed.S. DEGREE

The regulations concerning grade requirements and graduation are virtually the same for the Specialist in Education degree as they are for the master's degrees. For details see page 41 in this catalogue.

GRADUATION HONORS

Graduation honors will be conferred upon those Specialist in Education degree candidates whose records warrant recognition for distinction. Such honors will also be entered on the graduate's diploma and transcript.

CONFERENCES AND SPECIAL FEATURES

SUMMER EDUCATIONAL EXHIBIT

(July 6-7)

The thirty-first annual summer exhibit will be held on July 6 and 7. An exhibit of textbooks and other instructional materials will be open during the two day period. The exhibit will be staged in the University Union Ballroom.

All interested persons, whether or not enrolled as students, are invited to make use of the exhibit. For further information write Summer Book Exhibit.

MUSIC CAMPS FOR HIGH SCHOOL STUDENTS

Chorus — June 12 - 19

Band 1 — June 19 - 26

Band 2 — June 26 - July 3

High school students from the schools of Illinois are invited to participate in the Fifteenth Annual Music Camp. The camp is organized on a weekly basis providing one week for chorus and two weeks for band. Each week is a complete experience and students may come for one, two or three weeks. Enrollment is accepted on the basis of properly proportioned organizations, and students must be recommended by the local schools.

Housing is provided in the university residence halls and board in the University Union. The cost for board, room, camp insurance, and registration fee is \$35.00 per week. An application must be accompanied by a deposit of \$5.00 which is credited to the account of the student. This deposit is refunded if registration is cancelled before June 1.

Further information may be obtained by writing Dr. Robert Y. Hare, Director, School of Music.

SUMMER INSTITUTE FOR HIGH SCHOOL SCIENCE TEACHERS

(June 20 - August 12)

A summer institute for science teachers in high schools and junior high schools is specifically designed for those teachers, who by reason of insufficient or outdated course work, are deficient in training in at least one of the science fields: Botany, Chemistry, or Physics. Each participant will take one of the following courses: Botany 510-511, Chemistry 510-511, or Physics 510-511 and, in addition, a course in a second science field. Funds for the support of this institute have been provided by the National Science Foundation. Only applications received by February 15, 1966, can be given consideration for financial assistance. Further information may be obtained by writing Weldon N. Baker, Department of Chemistry.

SUMMER THEATRE PROGRAM

(June 8-August 14)

The seventh annual summer theatre program will be sponsored by the Department of Theatre Arts. Three major productions in proscenium and arena theatre will be produced. Among the subjects covered will be acting technique, stage movement and diction, stage lighting, scene design and stagecraft, and stage and house management.

Eight or twelve quarter hours at the undergraduate level and eight hours at the graduate level may be earned by participation in the full-time theatre production. Recent high school graduates may attend this program.

Questions concerning summer theatre may be addressed to Dr. E. Glendon Gabbard, Department of Theatre Arts.

WORKSHOPS AND SHORT COURSES

Enrollment in workshops and short courses will be completed at the first class meeting. Enrollees should be prepared to pay full fees at that time. For further information, contact the Dean of Student Academic Services or the person whose name appears at the close of the individual short course descriptions.

PREPARATIONS AND USE OF INSTRUCTIONAL MATERIALS

(July 18 through August 5)

EDUCATION 488: PREPARATIONS AND USE OF INSTRUCTIONAL MATERIALS

Production of locally prepared audio-visual materials using the techniques of mounting, lettering, and reproducing by pictorial or graphic means. Emphasis is upon improving communication in the learning process. Four quarter hours of credit. The class will meet from 9:00 A.M. to 3:00 P.M. For further information contact Dr. Verne Stockman.

Prerequisite: Twelve quarter hours in education and psychology.

TELEVISION IN EDUCATION

(June 20 through July 8)

EDUCATION 520: TELEVISION IN EDUCATION

Methods and techniques for effective instruction by means of open and closed-circuit television. Consideration will be given to the adaptation of television to school curricula. Sources of programs for school use will be explored. Evaluation of kinescopes, broadcast programs, and closed-circuit usages will be conducted. Four quarter hours of credit. The class will meet from 9:00 A.M. to 3:00 P.M. For further information contact Dr. Verne Stockman.

WORKSHOP IN CHILDREN'S LITERATURE

(June 27 through July 15)

ENGLISH 322 OR ENGLISH 459: WORKSHOP IN
CHILDREN'S LITERATURE

Workshop in Methods of Teaching Children's Literature (English 459) or Literature in the Grades (English 322). English 322 emphasizes chiefly wide acquaintance with the great bodies of world literature--myth, legend, etc., and the best poetry suitable for children. English 459—a course for elementary and English majors, designed to increase their knowledge of children's literature and to suggest methods for teaching literature in grades one through six. Dr. Mather will teach the courses. Four quarter hours credit. Will meet in the Conference Room of Buzzard Laboratory School from 9:00-12:00 and 1:00-3:00 daily. For further information contact Dr. Eugene Waffle.

ELEMENTARY GEOGRAPHY

(June 8 through June 29)

GEOGRAPHY 301: ELEMENTARY GEOGRAPHY

Regional geography of the world is analyzed as based on physical factors. Emphasis is placed on man and the working bonds he has developed with various environments, chiefly climatic. Four quarter hours credit. For further information contact Dr. Dalias Price.

**REGIONAL LEADERSHIP CONFERENCE
ILLINOIS CONGRESS OF PARENTS & TEACHERS**

(June 29)

This 19th annual conference deals with the works of the P.T.A. and the relationship of teachers and parents to school and community. For further information write to Dr. Lahron Schenke.

DESCRIPTION OF COURSES

IN UNDERGRADUATE QUARTER

(June 6 - August 15)

(An asterisk () indicates that the course may be counted for credit toward the Master's degree)*

NOTE: *Instructors of classes as listed herein may be changed without notice and courses or sections of courses may be cancelled if enrollment is insufficient.*

NOTE: *Freshmen and sophomores may not be admitted to courses numbered 300 or higher.*

Rules Governing Combinations of 10 week and 8 week Courses

A junior or senior whose cumulative grade point average is 2.25 or higher may combine three courses in the undergraduate quarter with one course numbered 450 to 499 in the graduate term.

A junior or senior whose cumulative grade point average is 2.75 or higher may combine two courses in the undergraduate quarter with two courses numbered 450 to 499 in the graduate term.

A junior or senior who takes no more than 12 quarter hours in total may take these in any combination undergraduate courses and courses numbered 450-499 offered in the graduate term.

A senior who is otherwise eligible for a course numbered 500-549 may take it instead of a course numbered 450-499 in accordance with the above rules.

ANTHROPOLOGY

273. INTRODUCTION TO ANTHROPOLOGY. (4 q. hrs.)

A study of the races of the world, pre-literate culture, kinship systems, major institutions and social structure. Students are advised to take this course prior to enrolling in courses in sociology.

Section 1, 10:00. Mr. Moore. Section 2, 11:00. Mr. Moore.

ART

100. DRAWING I. (4 q. hrs.)

Freehand drawing in various media; studies from nature designed to develop an interpretative approach.

10:00 to 11:50. Mr. Wilen.

110. DESIGN I. (4 q. hrs.)

Introduction to basic aspects of design problems dealing with color, texture, line, form, and organization.

8:00 to 9:50 Mr. Hinson.

140. INTRODUCTION TO ART. (4 q. hrs.)

A study of the functions of art in our environment. Studio problems provide creative experiences in designing with a variety of two- and three-dimensional media.

Section 1, 10:00 to 11:50. Mrs. Hyett. Section 2, 1:00 to 2:50. Mr. DeRuiter.

Prerequisite: Enrollment in the curriculum for elementary and junior high school teachers.

205. PAINTING I. (4 q. hrs.)

Introduction to painting as a medium of expression. Variety of approaches and media explored.

10:00 to 11:50. Mr. Trank.

Prerequisite: Art 100 or Art 101.

244. ART FOR TEACHERS IN THE ELEMENTARY GRADES. (4 q. hrs.)

Developmental stages of children's artistic activity; motivation, classroom management, and appropriate use of art media for each stage stressed. Studio experiences with wide variety of art media.

8:00 to 9:50. Mrs. Hyett.

Prerequisite: Art 140.

300, 301, 302. DRAWING III, IV, V. (4 q. hrs. for each course.)

(Registration limited to 4 q. hrs.)

Advanced drawing designed to develop individual sensitivity to form in two dimensions; development of an expressive and personal interpretation of dark and light shapes on a flat surface.

8:00 to 9:50. Mr. Trank.

Prerequisite: Art 100, 101.

305, 306, 307. PAINTING II, III, IV. (4 q. hrs. for each course. Registration limited to 4 q. hrs.)

Study of types of painting; craftsmanship and expression in several media stressed through progressive stages of the three courses.

305. 10:00 to 11:50. Mr. Trank. 306, 307. Arranged. Mr. Shull.

Prerequisite: Art 205.

UNDERGRADUATE COURSES

325, 326, 327. CERAMICS II, III, IV. (4 q. hrs. for each course. Registration limited to 4 q. hrs.)

Processes introduced in Ceramics I further explored and developed with the addition of simple mold techniques, glaze experimentation, and ceramic sculpture directly related to throwing, slab building, and coil building techniques; major emphasis upon throwing, but each student allowed considerable latitude in organizing his plan of work.

8:00 to 9:50. Mr. Neitzel.

Prerequisite: Art 225.

334. GENERAL CRAFTS. (4 q. hrs.)

General course in crafts in which students may elect problems from block printing, batik, enamels, jewelry, leathers, mosaics, and glass.

8:00 to 9:50. Mr. Neitzel.

Not open to students whose major or minor is in art.

360. UNDERSTANDING ART. (4 q. hrs.)

Aesthetic problems and their solutions in various fields of art as related to man and his culture. This course is designed for general education.

Section 1, 8:00. Section 2, 10:00. Mr. Leipholz.

Not open to students whose major or minor is in art.

405, 406, 407. PAINTING V, VI, VII. (4 q. hrs. for each course.)
(Registration limited to 4 q. hrs.)

Advanced painting in a series of individual problems courses; opportunity for further intensive development of each student's creative expression and craftsmanship.

Arranged. Mr. Shull.

Prerequisite: Art 305, 306, 307 and permission of the instructor.

BIOLOGY (GENERAL)

NOTE: *Where the semi-colon is used to separate hours, the course meets daily at the first hour and on the indicated days at the second hour.*

116. LIFE SCIENCE. (4 q. hrs.)

A survey of the principal structures and processes including genetics and embryology of plant and animals.

Section 1, 8:00; 9:00 MTh. Section 2, 11:00; 12:00 TF. Mr. Keppler.

No prerequisites. This course is restricted to students in the elementary education and junior high school curricula.

EASTERN ILLINOIS UNIVERSITY

126, 127, 128. GENERAL BIOLOGICAL SCIENCE. (4 q. hrs. for each course.)

A survey course covering the fundamental structures and processes of plants and animals; genetics, embryology, local flora and fauna are included.

- 1 Biology 126: 10; 9 TF. Mr. Ebinger.
- 2 Biology 126: 11; 12 TF. Mr. Ferguson.
- 1 Biology 127: 10; 9 TF. Mr. Rawls.
- 1 Biology 128: 8; 9 MTh. Mr. Kniskern.

Students who have credit for Biology 126 may not have credit for Botany 120 or Zoology 120.

BOTANY

NOTE: *Where the semi-colon is used to separate hours, the class meets daily at the first hour and on the indicated days at the second hour.*

120. GENERAL BOTANY. (4 q. hrs.)

A course designed to give the student a knowledge of the fundamental life processes concerned in the growth of plants; the manufacture of the foods by green plants that are essential for all plants and animals; the structure of leaves, stems, and roots in sufficient detail to understand the processes that result in growth and the effect of environment upon these processes.

8; 9 MTh. Mr. Ebinger.

121. GENERAL BOTANY. (4 q. hrs.)

This is a study of the reproductive phase of plant life; a study of the reproduction of flowering plants leading to the formation of seeds and fruits; the mechanism of heredity and the quality of hybrids. The last part of the work gives the opportunity of surveying the natural groups of the plant kingdom with their development and environmental relationships and their economic significance.

10; 9 TF. Mr. Smith.

Prerequisite: Botany 120.

222. GENERAL LOCAL FLORA. (4 q. hrs.)

An introduction to the geographic and physiographic ecology of North America; the identification of trees in winter and summer condition, of the fresh water algae, liverworts, mosses, ferns, and herbaceous flowering plants and shrubs as the season advances, with a study of the structures essential for the recognition of these plants.

11; 12 TF. Mr. Thut.

Prerequisite: Botany 120, 121, or permission of the instructor.

UNDERGRADUATE COURSES

232. ECONOMIC BOTANY. (4 q. hrs.)

Plant propagation and environmental requirements of the greenhouse and field; plant products and their origins in world commerce and their use in manufacture. Field trips are taken to observe some of these activities.

8:00. Mr. Thut.

Prerequisite: Botany 121 or 218.

335 (235). BACTERIOLOGY. (4 q. hrs.)

A study of the occurrence, distribution, isolation and culture of bacteria and closely related micro-organisms with emphasis on morphology, physiology, variations and the conditions which influence metabolism, growth and death. A set of permanently stained slides of representative morphological types of bacteria, molds, and yeasts are made by individual students as a course requirement. Field trips are taken to local water purification and sewage disposal plants.

10; 9 TF. Mr. Damann.

Prerequisite: Botany 120 and Junior standing. Botany 121, 230, 231 and a year of chemistry are recommended.

*454 (344). EXPERIMENTAL PLANT PHYSIOLOGY. (4 q. hrs.)

(See Graduate Term course description.)

BUSINESS

111. TYPEWRITING, Continued. (4 q. hrs.)

The typewriting of different styles of personal business and business letters, with special attention to arrangement and punctuation. Includes additional work on manuscripts and tabulation. Speed requirement: minimum of thirty words per minute for five minutes with not more than ten errors.

9:00. Mr. Roberts.

Prerequisite: Business 110 or the equivalent. Not open to students who have had the equivalent of two semesters of typewriting instruction.

112. TYPEWRITING, Continued. (4 q. hrs.)

Skill development continued at a higher level. More advanced work is given in business letters, manuscripts and tabulation. The production of office-type work is introduced. Speed requirement: minimum of forty words per minute for five minutes with not more than five errors.

9:00. Mr. Roberts.

Prerequisite: Business 111 or the equivalent. Not open to students who have had the equivalent of three semesters of typewriting instruction.

EASTERN ILLINOIS UNIVERSITY

142. INTRODUCTION TO BUSINESS. (4 q. hrs.)

The American business scene; business and society; the nature of business: production, distribution, finance; the business manager as a directing force, his obligations and objectives; career opportunities in phases of business activity.

Section 1, 8:00. Mr. Meier. Section 2, 9:00. Mr. Meier. Section 3, 2:00. Mr. Chase.

210. ADVANCED TYPEWRITING. (4 q. hrs.)

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for five minutes with three errors or less.

10:00. Mr. Roberts.

Prerequisite: Business 112 or the equivalent.

211. ADVANCED TYPEWRITING, Continued. (4 q. hrs.)

This course is designed for those who wish to become highly skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy in the production of advanced projects are the objectives. Speed requirement: minimum of sixty net words per minute for five minutes with three errors or less.

10:00. Mr. Roberts.

Prerequisite: Business 210 or the equivalent.

212. OFFICE PRACTICE. (4 q. hrs.)

A practical course in the function, use and operation of filing systems, duplicating devices, voice-writing equipment, adding and calculating machines, and copying machines.

8:00. Mr. Murry.

Prerequisite: Business 111 or permission of the instructor.

230. ACCOUNTING. (4 q. hrs.)

The principles of accounting as applied to the sole proprietorship. The balance sheet and income statement lead to the introduction of accounts.

2:00. Mr. Wyler.

Not open to freshmen.

232. ACCOUNTING, Continued. (4 q. hrs.)

This course consists chiefly of changing partnership books to corporation books, corporation accounting, accounting for departments and branches, accounting for non-profit organizations and analysis of financial statements with interpretations.

8:00. Mr. Norem.

Prerequisite: Business 231.

UNDERGRADUATE COURSES

247. PRINCIPLES OF MARKETING. (4 q. hrs.)

A survey with emphasis upon current marketing channels; marketing functions and institutions; methods used in marketing agricultural products, raw materials and manufactured goods; functions and modes of operation of wholesale and retail middleman; basic problems of demand creation; market finance; market risk; price maintenance; unfair methods of competition; recent governmental activities affecting marketing.

10:00. Mr. Sotka.

248. PRINCIPLES OF SALESMANSHIP. (4 q. hrs.)

The psychology of salesmanship as it relates to the planning and execution of a sale; principles of general selling.

2:00. Mr. Sotka.

249. PRINCIPLES OF RETAILING. (4 q. hrs.)

The organization and management of retail stores; location, layout, financing, buying, pricing, credits and collections, stock control, personnel work, business forecasting.

11:00. Mr. Sotka.

330. DATA PROCESSING FOR BUSINESS. (4 q. hrs.)

The nature and function of modern, high speed information handling (data processing) equipment. Includes punched card units and high speed electronic computers with stored program capabilities. The social and economic implications of integrated and automatic data processing are explored. Problems on the computers.

12:00. Mr. Hallam.

346 (446). BUSINESS LAW. (4 q. hrs.)

Rules governing law and its administration; personal property, contracts; agency, employer and employee; negotiable instruments; bailments; business crimes and torts.

9:00. Mr. Wyler.

354 (454). INTERMEDIATE ACCOUNTING. (4 q. hrs.)

Review of fundamental processes on a higher level with additions not covered in beginning accounting; cash and temporary investments, receivables, inventories, investments, plant and equipment, intangibles and deferred changes.

12:00. Mr. Wyler.

Prerequisite: Business 230, 231, 232.

EASTERN ILLINOIS UNIVERSITY

370. CREDIT MANAGEMENT. (4 q. hrs.)

Consumer and commercial credit and collection practices and policies in business organizations. Organization and operation of credit departments.

2:00. Mr. Gover.

Prerequisite 230, Economics 256, or permission of the instructor.

430. DATA PROCESSING LABORATORY. (4 q. hrs.)

Experiences in the processing of information by the use of punched card equipment and computer. Includes the use of the card punch, sorter, reproducer, accounting machine, printer, and the electronic computer in the University Computing Center under the direction and supervision of the Supervisor.

Arranged. Mr. Walstrom.

Prerequisite: Business 330 and consent of the Chairman of the Department of Management.

*451. PRINCIPLES OF MANAGEMENT. (4 q. hrs.)

Fundamentals of management: objectives, policies, functions, executive leadership, organization structure and morale; operational procedure and control.

1:00. Mr. Fagan.

Open to juniors, seniors and graduates.

*460. COST ACCOUNTING. (4 q. hrs.)

An introductory course involving principles and methods in handling materials, direct labor and the distribution of overhead expenses. Historical and critical appraisal of product, process cost systems, standard costs.

11:00. Mr. Ballsrud.

Prerequisite: Business 230, 231, 232. Open to juniors, seniors and graduates.

*461. INCOME TAX ACCOUNTING. (4 q. hrs.)

(See Graduate Term course description.)

*463. STATEMENT ANALYSIS AND ADVANCED ACCOUNTING PROBLEMS. (4 q. hrs.)

This course is designed to give a detailed analysis and interpretation of financial statements with advanced problems supporting the theory presented. Particular types of statements as they apply to public utilities, industrials, and moneyed corporations are introduced.

9:00. Mr. Norem.

Prerequisite: Business 230, 231, 232. Open to juniors, seniors and graduates.

UNDERGRADUATE COURSES

***470. METHODS OF TEACHING BOOKKEEPING AND ACCOUNTING.**
(4 q. hrs.)

Methods, texts, audio-visual aids, professional organizations and journals are studied. An introduction to teaching experiences. Lectures, discussions, demonstrations and laboratory work to insure mastery of the subject.

10:00. Mr. Cooper.

Prerequisite: Admission to teacher education. Open to juniors, seniors and graduates.

***473. METHODS OF TEACHING TYPEWRITING AND OFFICE PRACTICE.**
(4 q. hrs.)

Methods, texts, audio-visual aids, professional organizations and journals are studied. An introduction to teaching experiences. Lectures, demonstrations and laboratory work to insure proficiency in the subject.

1:00. Mr. Roberts.

Prerequisite: Admission to teacher education. Open to juniors, seniors and graduates.

***481. BUSINESS STATISTICS.** (4 q. hrs.)

Provides a working knowledge of the statistical tools used in analyzing business problems. Fundamental phases of statistical technique, as graphic presentations, averages, index numbers, sampling error, and simple correlation.

11:00. Mr. Meier.

Open to juniors, seniors and graduates.

***482. CORPORATION FINANCE.** (4 q. hrs.)

The corporation in a possible life cycle of organization, operation, and reorganization or failure; the various forms of corporate securities; financing the corporation management of income.

10:00. Mr. Gover.

Prerequisite: Business 230, 231, 232 and Economics 254, 255, 256, or the equivalent. Open to juniors, seniors and graduates.

***486. MARKETING RESEARCH.** (4 q. hrs.)

A basic course in marketing research. Topics covered are: nature and scope of marketing research; scientific method and research design; specific marketing research procedures; research report, follow-up, and evaluation of research process. Problems.

8:00. Mr. Fagan.

Prerequisite: Business 247. Open to juniors, seniors and graduates.

CHEMISTRY

NOTE: *Where the semi-colon is used to separate hours, the class meets daily at the first hour and on the days indicated at the second hour.*

120, 121, 122. INTRODUCTORY CHEMISTRY. (4 q. hrs. for each course)

A study of the principles of chemistry, the more important non-metals and a few of the metals. Qualitative analysis is introduced in the third term. The relationship of Chemistry to many of today's problems is stressed.

1 Chemistry 120: 10; 9 TF. Mr. Cunningham.

2 Chemistry 120: 11; 12 TF. Mr. Hamerski.

3 Chemistry 120: 1; 2 WF. Mr. Steele.

Chemistry 121: 8; 9 MTh. Mr. Hamerski.

Chemistry 122: 1; 2 WF. Mr. Cunningham.

To be taken in sequence. Credit is not granted to students who have received credit for Chemistry 150, 151, 152.

234. QUANTITATIVE ANALYSIS. (4 q. hrs.)

Experiments are selected to illustrate the general principles of volumetric and gravimetric analysis, and the calibration of analytical apparatus. Class work includes the critical evaluation of analytical data, theory of neutralization reactions and extensive treatment of problems which illustrate gravimetric analysis and acid-base volumetric analysis.

10; 9 TF. Mr. Steele.

342. PRACTICUM IN CHEMISTRY. (1 q. hr.)

This course is designed to afford the future chemistry teacher some practical experience in laboratory teaching and in servicing the laboratory. Two hours are to be spent assisting in an elementary chemistry laboratory and two hours in the storeroom each week.

8; 9 W. Arranged.

Prerequisite: Two years of college chemistry.

Required of Chemistry majors in the junior year of B.S. in Ed. curriculum. Should be completed prior to student teaching.

343, 344, 345. ORGANIC CHEMISTRY. (4 q. hrs. for each course.)

Chemistry 343 and 344 are studies of aliphatic and aromatic compounds with an introduction to the theories of organic chemistry. Chemistry 345 is a continuation but with major emphasis placed upon identification of organic compounds.

Section 1 Chemistry 343: 11; 12 TF. Mr. Foote.

Chemistry 344: 10; 9 TF. Mr. Smith.

Chemistry 345: 1; 2 WF. Mr. Foreman.

Prerequisite 120, 121 or 150, 151; Chemistry 122 or 152 or simultaneous registration therein. To be taken in sequence.

UNDERGRADUATE COURSES

420, 421. SPECIAL CHEMISTRY PROBLEMS. (4 q. hrs. for each course.)

Laboratory problems selected in terms of the student's training and interest in some field of chemistry. Laboratory work; use of chemical literature and conferences with the instructor. Results are presented in the form of a written report, one copy of which is filed with the department office.

Arranged.

Prerequisite: Permission of instructor and department head. Open to juniors and seniors.

*494. NUCLEAR CHEMISTRY. (4 q. hrs.)

(See Graduate Term course description.)

ECONOMICS

254. PRINCIPLES OF ECONOMICS. (4 q. hrs.)

The nature of economics, the American economic system, business organization, personal finance, labor-management relations, government finance, national income analysis.

Section 1, 9:00. Section 2, 12:00. Section 3, 1:00.

Not open to freshmen.

255. PRINCIPLES OF ECONOMICS (continued). (4 q. hrs.)

Business cycles, money and prices, banking and monetary policy, fiscal policy, supply and demand analysis.

10:00.

Prerequisite: Economics 254.

256. PRINCIPLES OF ECONOMICS (continued). (4 q. hrs.)

Theory of production and factoral distribution, international economics, problems of economic growth and price stability.

11:00.

Prerequisite: Economics 255.

320. INTERNATIONAL ECONOMICS. (4 q. hrs.)

A study of the economic interrelationships among nations. This course sets forth the principles of foreign trade and lending, the nature of international payments, tariffs and quotas, and the commercial policies currently being followed by the major countries participating in the world economy.

11:00.

Prerequisite: Economics 254, 255, 256 or consent of the instructor.

EASTERN ILLINOIS UNIVERSITY

***480 (458). MONEY AND BANKING. (4 q. hrs.)**

An intensive study of money and banking and their importance in our economy; government monetary and banking policy and its significance to economic well-being.

8:00. Mr. Plath.

Prerequisite: Economics 254, 255, 256. Open to juniors, seniors and graduates.

***485 (459). PUBLIC FINANCE. (4 q. hrs.)**

A study of taxation, government spending, public debt and their importance to economic welfare.

10:00. Mr. Plath.

Prerequisite: Economics 254, 255, 256. Open to juniors, seniors and graduates.

EDUCATION

120. LABORATORY IN EDUCATION. (1 q. hr.)

A laboratory course with emphasis on directed observations and individualized experiences with children of pre-school and elementary school ages, under a variety of environmental conditions.

Section 1, 9 M. Section 2, 11 M. Mr. Carey.

232. HUMAN GROWTH, DEVELOPMENT, AND LEARNING. (4 q. hrs.)

Physical, social, emotional, and intellectual growth and development of children and adolescents. Major emphasis on developmental and learning problems and their implications and significance in relation to classroom procedures.

10:00. Mr. Schenke.

Prerequisite: Psychology 231.

324. DIRECTING LEARNING IN THE ELEMENTARY SCHOOL. (4 q. hrs.)

Selection and the effective organization and presentation of learning experiences. Emphasis on practical application of principles of learning, instructional programs, democratic procedures in class organization, management and control, and the guidance program, audio-visual materials. Consideration of the non-instructional duties of the teacher in school and community.

9:00. Mr. Edwards.

Prerequisite to student teaching. Prerequisite: Education 232 and admission to teacher education.

UNDERGRADUATE COURSES

327. ELEMENTARY CURRICULUM: TEACHING SOCIAL STUDIES AND LANGUAGE ARTS; USE OF INSTRUCTIONAL MATERIALS IN THE ELEMENTARY SCHOOL. (4 q. hrs.)

Objectives, techniques, and materials of social studies and language arts excluding reading and children's literature; instruction in handwriting is included. Patterns of curriculum organization, unit teaching, selection and utilization of instructional materials and equipment.

11:00. Mr. Edwards.

Prerequisite: Education 324 and admission to teacher education.

328. DEVELOPMENTAL READING IN THE ELEMENTARY SCHOOL. (4 q. hrs.)

Basal reading program from kindergarten through junior high school using the human growth and development approach; nature, purpose, and current trends in reading instruction; guiding principles, types of reading materials, techniques; evaluating progress. Demonstrations for class observation and discussion.

8:00. Mr. Edwards.

Prerequisite: Education 324 and admission to teacher education.

329. SCIENCE IN THE ELEMENTARY SCHOOL. (4 q. hrs.)

Selection and development of units, demonstrations, and laboratory work.

8; 9 MTh. Mr. Schenke.

Prerequisite: Biology 116, 117; Physical Science 100, 101; Education 324; admission to teacher education.

332. EDUCATIONAL PSYCHOLOGY. (4 q. hrs.)

Individual growth and development with emphasis upon the secondary student, the learning process, including an introduction to learning theories and ways of facilitating the learning process, measurement and evaluation with emphasis upon standardized testing.

Section 1, 10:00. Section 2, 11:00. Section 3, 1:00. Mr. Henry.

Prerequisite: Psychology 231 and admission to teacher education.

333. THE INSTRUCTIONAL TASK IN THE SECONDARY SCHOOL. (4 q. hrs.)

Secondary school teaching as a profession; the secondary curriculum, guidance in the secondary school; selection and use of instructional materials; the development of a secondary reading program.

Section 1, 10:00. Section 2, 12:00. Section 3, 1:00.

Prerequisite: Education 332 and admission to teacher education.

EASTERN ILLINOIS UNIVERSITY

445. PHILOSOPHY AND HISTORY OF EDUCATION. (4 q. hrs.)

The historical development of the several main philosophical origins of educational practices and principles.

Section 1, 11:00. Mr. Zabka. Section 2, 12:00. Mr. Carey. Section 3, 1:00. Mr. Zabka. Section 4, 2:00. Mr. Zabka.

Prerequisite: Admission to teacher education. Not open to students who have credit in Education 343 or 440.

*464. HISTORY OF EDUCATION IN THE UNITED STATES. (4 q. hrs.)

(See Graduate Term course description.)

*485. SCHOOL LAW. (4 q. hrs.)

(See Graduate Term course description.)

*487. INTRODUCTION TO AUDIO-VISUAL EDUCATION. (4 q. hrs.)

(See Graduate Term course description.)

*490. PRINCIPLES AND TECHNIQUES OF GUIDANCE. (4 q. hrs.)

(See Graduate Term course description.)

ENGLISH

NOTE: *Any student entering the University with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.*

120. COMPOSITION. (4 q. hrs.)

A basic course in communication, including listening, reading, speaking, and writing. Many short themes required to develop facility in writing correct, effective sentences and paragraphs. Some study of rhetorical and grammatical principles and their application to expression.

Sections 1 and 2, 8:00. Sections 3, 4 and 5, 9:00. Sections 6 and 7, 10:00. Sections 8 and 9, 11:00. Sections 10, 11 and 12, 12:00. Sections 13, 14 and 15, 1:00. Sections 16, 17 and 18, 2:00.

121. COMPOSITION. (4 q. hrs.)

Further study of rhetoric and grammar. Longer units of composition in which problems of organization, coherence, and unity are studied. One research paper required in addition to about ten themes of three or four pages each.

12:00. Mr. Silverstein.

Prerequisite: English 120.

126. GRAMMAR. (4 q. hrs.)

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

10:00. Mr. Waffle.

220. COMPOSITION. (4 q. hrs.)

Additional practice in composition, intended to strengthen the student's competence in clear and forceful writing.

Section 1, 8:00. Mr. Kagan. Section 2, 10:00. Mr. Kagan. Section 3, 11:00. Mr. Kagan. Section 4, 12:00. Mr. Walker. Section 5, 1:00. Mr. Wharton.

Prerequisite: English 120, 121, and sophomore standing.

245. A SURVEY OF ENGLISH LITERATURE I. (4 q. hrs.)

English prose and poetry (including drama) from *Beowulf* to Bunyan. Adequate attention to the occasional short masterpieces of the minor writers and special study of the major works of greater writers. Meant to provide both a broad perspective of English writing for the student who will take no further courses in literature and a foundation for advanced study of literature.

8:00. Miss Batzer.

246. A SURVEY OF ENGLISH LITERATURE II. (4 q. hrs.)

English prose and poetry (including drama) from Dryden to DeQuincy. Adequate attention to the occasional short masterpieces of the minor writers and special study of the major works of greater writers. Meant to provide a broad perspective of English writing for the student who will take no further courses in literature, and preparation for advanced study of literature.

10:00. Mr. Rommel.

247. A SURVEY OF ENGLISH LITERATURE III. (4 q. hrs.)

English prose and poetry (including drama) from Macaulay to Dylan Thomas. Adequate attention to the occasional short masterpieces of the minor writers and special study of the major works of greater writers. Meant to provide a broad perspective of English writing for the student who will take no further courses in literature, and preparation for advanced study of literature.

1:00. Mr. Colby.

EASTERN ILLINOIS UNIVERSITY

250. AMERICAN LITERATURE. I. (4 q. hrs.)

A survey of American literature from Colonial times through the Transcendental Movement, stressing trends and major writers. Special emphasis is given to works of Edward Taylor, Nathaniel Hawthorne, Edgar Allan Poe, Ralph Waldo Emerson, and Henry David Thoreau.

11:00. Mr. Palmer.

251. AMERICAN LITERATURE II. (4 q. hrs.)

A survey of American literature from the close of the Transcendental Movement to 1900, stressing trends and major writers. Special emphasis is given to works of Herman Melville, Walt Whitman, Emily Dickinson, Mark Twain, and Henry James.

12:00. Mr. Johnson.

252. AMERICAN LITERATURE III. (4 q. hrs.)

A survey of American literature from 1900 to the present, stressing trends and major writers. Special emphasis is given to works of E. A. Robinson, Robert Frost, T. S. Eliot, William Faulkner, and Ernest Hemingway.

9:00. Mr. White.

261. ENGLISH NOVEL FROM 1850 to 1900. (4 q. hrs.)

English 261, a continuation of English 260, is concerned with the fiction of the latter half of the nineteenth century as represented by the novels of George Eliot, Hardy, Meredith, Stevenson, Willkie Collins.

1:00. Mr. Palmer.

263. THE TWENTIETH CENTURY NOVEL: ENGLISH AND AMERICAN.

(4 q. hrs.)

An analysis of selected novels by major figures in English and American fiction such as Joyce, Dreiser, Fitzgerald, Hemingway, Steinbeck, Lawrence. Emphasis is on types and trends in the modern novel.

11:00. Mr. Miller.

Prerequisite: Sophomore standing advisable.

270. MODERN DRAMA. (4 q. hrs.)

The purpose of this course is to familiarize the student with what is best in modern drama.

9:00. Mr. Johnson.

UNDERGRADUATE COURSES

275. LITERATURE OF THE OLD TESTAMENT. (4 q. hrs.)

An objective study of types of literature of the Old Testament—simple narratives, biography, history, law, short story, drama, prophecy, poetry, and wisdom literature. Some attention is paid to historical backgrounds.

2:00. Mr. Blair.

327. SHAKESPEARE'S LATER PLAYS. (4 q. hrs.)

A study of Shakespeare from 1600 to his last plays, including *Twelfth Night*, *Hamlet*, *Troilus and Cressida*, *Othello*, *Measure for Measure*, *King Lear*, *Macbeth*, *Antony and Cleopatra*, *Coriolanus*, and *The Tempest*.

11:00. Mr. Wharton.

363. WORLD LITERATURE: SINCE 1850. (4 q. hrs.)

Readings in the masterpieces of realism, naturalism, symbolisms: Balzac, Flaubert, Dostoevsky, Tolstoy, Ibsen, Mann, Proust, Faulkner, and others.

2:00. Mr. Wharton.

*450. HISTORY OF THE ENGLISH LANGUAGE. (4 q. hrs.)

The development of the English language from Anglo-Saxon to the language of today.

10:00. Mr. Walker.

Prerequisite: English 126 or its equivalent. Not open as elective in other curricula except by special permission of the head of the English department. Open to juniors, seniors and graduates.

*454. THE TRANSCENDENTAL MOVEMENT. (4 q. hrs.)

(See Graduate Term course description.)

*457. NINETEENTH CENTURY ENGLISH PROSE. (4 q. hrs.)

Major nineteenth century English prose writing (exclusive of fiction) of Carlyle, Macaulay, Newman, Lamb, Hazlitt, Mill, Froude, Thackeray, Ruskin, Arnold, Huxley, Coleridge, Wordsworth, Morris, Pater, Stevenson.

8:00. Mr. Rommel.

Open to juniors, seniors and graduates.

*471. POETRY OF THE ROMANTIC PERIOD. (4 q. hrs.)

(See Graduate Term course description.)

EASTERN ILLINOIS UNIVERSITY

*480. CHAUCER. (4 q. hrs.)

Canterbury Tales; the London dialect out of which modern English grew; the life of the times.

9:00. Mr. Walker.

Open to juniors, seniors and graduates.

*490 (457). ELIZABETHAN DRAMA. (4 q. hrs.)

A survey of the development of the English drama of the Renaissance, based on the works of the major playwrights of the period, including selected plays of Shakespeare.

11:00. Miss Batzer.

Open to juniors, seniors and graduates.

FOREIGN LANGUAGES

French

130, 131. ELEMENTARY FRENCH. (8 q. hrs.)

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French text; composition.

8:00 to 10:50. Mr. Kelly.

Registration for less than 8 q. hrs. credit may be arranged with permission of the head of the Foreign Language Department.

230, 231. SECOND YEAR FRENCH. (8 q. hrs.)

Review of grammar; exercises in composition; conversation; readings.

9:00 to 11:50. Miss Michael.

Prerequisite: Two years of high school French or one year of college French.

Registration for less than 8 q. hrs. credit may be arranged with permission of the head of the Foreign Language Department.

330. APPLIED LINGUISTICS. (4 q. hrs.)

Application of principles of linguistic analysis to modern French. Systematic drills are used to build the student's knowledge of the structure of French and to eliminate errors caused by the patterns of the student's native English.

11:00. Mr. Kelly.

Prerequisite: Two years of college French or permission of the department.

412. INTRODUCTION TO THE FRENCH NOVEL III. (4 q. hrs.)

A study of selected novels of Zola, Proust, Gide, Camus.

12:00. Miss Michael.

Prerequisite: French 411 or equivalent.

UNDERGRADUATE COURSES

German

233, 234. SECOND YEAR GERMAN. (8 q. hrs.)

Rapid review of grammar; practice and vocabulary-building exercises in conversation, and regular exercises in composition; intensive reading of selected short stories and novels.

8:00 to 10:50. Mr. Weier.

Prerequisite: German 122 or 132 or two years of high school German.

Registration for less than 8 q. hrs. credit may be arranged with permission of the head of the Foreign Language Department.

363. LYRICS AND BALLADS. (4 q. hrs.)

A poetical and metrical survey of German lyrical verse from its beginning to modern times, with critical analyses of representative poems.

9:00. Mr. Miess.

Prerequisite: Two years of college German or permission of the department.

Spanish

230, 231, 232. SECOND YEAR SPANISH. (12 q. hrs.)

Review of grammar; exercises in composition; conversation; readings.

8:00 to 12:50. Mrs. Ceide.

Prerequisite: One year of college Spanish or two years of high school Spanish.

Registration for less than 12 q. hrs. credit may be arranged with permission of the head of the Foreign Language Department.

GEOGRAPHY

NOTE: *Where the semi-colon is used to separate hours, the class meets daily at the first hour and on the days indicated at the second hour.*

140. PHYSICAL GEOLOGY. (4 q. hrs.)

The geologic approach to a study of earth materials, and processes concerned with their formation, and the changing face of the earth; attention given to common rocks and minerals, vulcanism, erosional processes, tectonic forces, and map interpretation.

Section 1, 8; 9 MTh. Section 2, 10; 9 TF. Mr. Amos.

150. WORLD GEOGRAPHY. (4 q. hrs.)

A survey of world geography in which significant areal differences in population character, distribution and numbers form the core of the course. Man is studied in his areal setting and the working bonds he has developed with the land and its resources. Both the regional and topical approach are utilized in studying the earth as the home of man.

Section 1, 8:00. Mr. Martin. Section 2, 10:00. Mr. Mausel. Section 3, 1:00. Mr. Mausel.

EASTERN ILLINOIS UNIVERSITY

300. ELEMENTARY EARTH SCIENCE. (4 q. hrs.)

Physical elements of geography as an earth science; phenomena of earth shape and motions, daylight, time, and seasons analyzed as they affect the earth as man's home. Common Illinois rocks and minerals, land forms, and earth features introduced. Local field trips.

1:00. Mr. Martin.

Open on an elective basis to all students.

360. ECONOMIC GEOGRAPHY. (4 q. hrs.)

An examination of world industries and areal significance of economic activities. The geographic significance for each economic activity is considered as well as an evaluation of the varying importance of each in the world scene.

10:00. Mr. Martin.

*454. GEOGRAPHY OF AFRICA AND AUSTRALIA. (4 q. hrs.)

A regional study of Africa and Australia. Political and economic regions are considered. The physical environment and the economic development of these two continents are compared.

11:00. Mr. Mausel.

Open to juniors, seniors and graduates.

*471. POLITICAL GEOGRAPHY. (4 q. hrs.)

(See Graduate Term course description.)

*490. SPECIAL PROBLEMS IN GEOGRAPHY. (1-4 q. hrs.)

(See Graduate Term course description.)

HEALTH EDUCATION

120. PERSONAL HYGIENE. (4 q. hrs.)

The course is largely personal hygiene, and stresses nutrition, digestion, dental hygiene, circulation, respiration, excretion, endocrines and emotional health. It gives brief attention to the broad field of public or community health as it may affect the student, and considers the principles of bacteriology and immunology and a few important communicable diseases.

Section 1, 8:00. Mr. Wilson. Section 2, 9:00. Mr. Wilson. Section 3, 10:00. Mr. Richardson. Section 4, 11:00. Miss Green. Section 5, 12:00. Mr. Wilson. Section 6, 1:00. Mr. Herauf. Section 7, 2:00. Mr. Herauf. Section 8, 3:00. Miss Green. Section 9, 4:00. Mr. Herauf.

UNDERGRADUATE COURSES

320. SCHOOL AND COMMUNITY HEALTH PROBLEMS. (4 q. hrs.)

This course is designed for teachers and emphasizes their part in the development of a health program in the schools. It tries to create a better understanding of the physical and mental health of the school child, and gives special attention to the exceptional or handicapped child, to the detection of defects by testing and observation, and to the facilities available for the correction of defects.

Section 1, 11:00. Mr. Richardson. Section 2, 1:00. Miss Green.

Prerequisite: Health Education 120 or its equivalent.

330. SAFETY EDUCATION. (4 q. hrs.)

This course includes a study of the subject matter of safety education from the standpoint of the prospective teacher. Attention is given to selecting and organizing teaching materials relative to the safety problems of modern life in the home, school, during recreation, on the highway, and at work.

9:00. Mr. Riebe.

331. INTRODUCTION TO DRIVER EDUCATION. (4 q. hrs.)

The first of two courses designed to prepare teachers of driver education for secondary schools. The place of the motor vehicle in American life; traffic safety; instructional materials and recommended methods of presenting such materials in the classroom and in the car on the road; laboratory work with beginning drivers.

12:00. Mr. Riebe.

Prerequisite: Student must have (1) valid driver's license and (2) a safe driving record.

332. ADVANCED DRIVER EDUCATION AND TRAFFIC SAFETY. (4 q. hrs.)

A continuation of Health Education 331, with special attention to administration, organization, finance, adult education and evaluation of the school driver education program. Traffic safety problems on the local, state, and national levels are considered.

8:00. Mr. Riebe.

Prerequisite: Health Education 331 or concurrent enrollment in this course.

HISTORY

233. HISTORY OF THE UNITED STATES TO 1840. (4 q. hrs.)

The colonial period; the independence movement; the framing and adoption of the Constitution; the growth of American nationality; Western development and Jacksonian democracy.

Section 1, 9:00. Mr. Tingley. Section 2, 8:00. Mr. Seymour. Section 3, 11:00. Mr. Sterling. Section 4, 10:00. Mr. Hockman. Section 5, 11:00. Mr. Hockman. Section 6, 1:00. Mr. Hockman. Section 7, 12:00. Mr. Buenker. Section 8, 1:00. Mr. Buenker. Section 9, 2:00. Mr. Buenker.

EASTERN ILLINOIS UNIVERSITY

234. HISTORY OF THE UNITED STATES, 1841 TO 1898. (4 q. hrs.)

Manifest Destiny and the slavery controversy; the Civil War and Reconstruction; the new industrial society and the agrarian movement.

Section 1, 8:00. Mr. Sterling. Section 2, 10:00. Mr. Sterling. Section 3, 11:00. Mr. Seymour.

235. HISTORY OF THE UNITED STATES SINCE 1898. (4 q. hrs.)

The War with Spain. The United States as a World Power; the growth of industry and the progressive movement; the First World War; post-war problems; depression and the New Deal; the Second World War; postwar problems, foreign and domestic.

Section 1, 8:00. Section 2, 9:00. Section 3, 11:00. Mr. Keiser.

246. EUROPEAN HISTORY, c. 1500-1715. (4 q. hrs.)

A study of the emergence of modern Europe, rise of national states, Renaissance, Reformation, Catholic Reformation, age of discovery and exploration, age of Philip II—1556-88, rise of absolutism in France—1598-1660, decline of monarchy in England—1603-69, Thirty Years' War—1618-1648. Age of Louis XIV.

Section 1, 10:00. Section 2, 12:00.

247. EUROPEAN HISTORY, c. 1715-1870. (4 q. hrs.)

Rise of Russia and Prussia in the eighteenth century; colonial rivalry of France and England; the Enlightenment; French Revolution and Napoleon.

Section 1, 12:00. Section 2, 1:00.

248. EUROPEAN HISTORY, 1870 TO PRESENT. (4 q. hrs.)

Triumph of nationalism in Germany and Italy; Second Industrial Revolution; background of World War I; World War I; Fascism, Nazism, World War II; Cold War.

Section 1, 1:00. Section 2, 2:00.

344. HISTORY OF ENGLAND AND THE BRITISH EMPIRE, 1603 TO 1815. (4 q. hrs.)

Discovery, colonial expansion, the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the struggle with France for colonial supremacy.

Section 1, 8:00. Section 2, 9:00.

UNDERGRADUATE COURSES

372 (471). CIVIL WAR AND RECONSTRUCTION. (4 q. hrs.)

The causes of the Civil War; political, economic, and social problems during the War; the military phases of the War; post-war problems both North and South; the Civil War as a revolution.

9:00. Mr. Seymour.

Prerequisite: History 234 or consent of instructor.

423 (473). SPECIAL PROBLEMS IN EUROPEAN HISTORY. (4 q. hrs.)

Special study by intensive reading in an area of history of interest to the student.

11:00.

Prerequisite 244, 245, 246, 247 and 248.

*460. RECENT UNITED STATES HISTORY, 1900-1930. (4 q. hrs.)

(See Graduate Term course description.)

*467. HISTORY OF THE AMERICAN FRONTIER: THE TRANS-APPALACHIAN FRONTIER, 1783-1850. (4 q. hrs.)

(See Graduate Term course description.)

*486. THE WORLD IN THE TWENTIETH CENTURY I. (4 q. hrs.)

(See Graduate Term course description.)

*489. THE FRENCH REVOLUTION. (4 q. hrs.)

The Old Regime; Estates-General and National Assembly; Republic, Consulate, and Empire; the Napoleonic System; Waterloo.

1:00. Mr. Syndergaard.

Open to juniors, seniors and graduates.

*495. SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES IN THE COLONIAL PERIOD. (4 q. hrs.)

The transfer of culture from Europe to the English Colonies. The development of traits and ideas that are characteristic of the United States. The development of religious, scientific, educational, and political theories that influence the United States.

10:00. Mr. Tingley.

Prerequisite: History 233. Open to juniors, seniors and graduates.

EASTERN ILLINOIS UNIVERSITY

HOME ECONOMICS

102. NUTRITION. (4 q. hrs.)

The principles of human nutrition and their application to everyday nutritional problems; the relation of good food habits to the selection of an adequate dietary.

9:00. Mrs. Swope.

For majors only. (See Home Economics 303 for non-majors.)

131. CLOTHING SELECTION. (4 q. hrs.)

An introduction to consumer buying of ready-to-wear clothing; includes the study of fabrics, construction features, and design and color principles.

10:00. Miss Haughton.

201. ADVANCED CLOTHING CONSTRUCTION. (4 q. hrs.)

Principles involved in the selection of fabrics, designs and patterns. Emphasis on advanced construction techniques and garment fitting.

10:00 to 11:50. Miss Devinney.

Prerequisite: Home Economics 101 or consent of instructor.

231. SOCIOLOGY OF CLOTHING. (2 q. hrs.)

The significance of clothing choices in all cultures; psychological reasons for clothing selection; political and economic trends affecting clothing; and an analysis of the fashion market.

9:00. Miss Haughton.

245. HOME MANAGEMENT THEORY. (2 q. hrs.)

The principles of scientific management as applied to the home; includes a study of family finance, household buying, care of equipment, time and energy management and housing problems.

9:00. Miss Haughton.

300. FAMILY ECONOMICS. (4 q. hrs.)

Factors affecting family financial management, including the influence of economic conditions on the welfare of families. Investments and savings; use of credit; insurance, and various types of family accounts.

11:00. Mr. Gover.

301. TAILORING. (4 q. hrs.)

Tailoring techniques used in the construction of a suit or coat.

8:00 to 9:50. Miss Devinney.

Prerequisite: Home Economics 201.

UNDERGRADUATE COURSES

345. HOME MANAGEMENT HOUSE RESIDENCE. (4 q. hrs.)

Experience in the practical application of the principles of household management is offered through residence in the home management house.

Arranged. Mrs. Keppler.

Prerequisite: Home Economics 210, 211, and 245. Advanced registration with department required.

401. PRINCIPLES OF PATTERN DESIGN. (4 q. hrs.)

Principles of designing clothing and the translation of these designs into paper patterns; includes pattern drafting, grading, and fitting garments. Each student is required to create an original design, draft the pattern, and construct the garment.

12:00 to 1:50. Miss Haughton.

Prerequisite: Home Economics 301 or consent of instructor.

INDUSTRIAL ARTS

134. WOODWORK I. (4 q. hrs.)

Function, care, and use of woodwork hand tools, woodwork supplies, and finishes. Two class discussions and six hours laboratory work each week.

10:00 to 11:50. Mr. Fowler.

140 (136). GENERAL METAL. (4 q. hrs.)

The development of manipulative techniques in the use of hand tools and machines for working iron, steel, and non-ferrous metals; processes in forming, shaping and finishing hot and cold metal. Two class discussions and six hours laboratory work each week.

8:00 to 9:50. Mr. Coleman.

224. PRIMARY GRADE INDUSTRIAL ARTS. (4 q. hrs.)

Designed to explore the history and possibilities of handwork or industrial arts activities as a teaching device in the lower grades. The laboratory phase of the course will deal with paper, textiles, ceramics, reed, raffia, blueprinting, and contemporary crafts. Activities are organized around the teaching unit theme and the techniques of requisitioning supplies are studied. Two class discussions and six laboratory hours each week.

8:00 to 9:50. Mr. Sonderman.

This course is not open to industrial arts majors.

225. INTERMEDIATE GRADE INDUSTRIAL ARTS. (4 q. hrs.)

The laboratory phase of the course will consist of exploratory experiences in woodcraft, art metal craft, simple block printing, flat plastic work and Keene's cement craft. A study of tools, materials, processes, techniques of requisitions tools and equipment for elementary craft programs will be undertaken. Two class discussions and six laboratory hours each week.

10:00 to 11:50. Mr. Sonderman.

This course is not open to industrial arts majors.

231. MECHANICAL DRAWING I. (4 q. hrs.)

Techniques of drafting, instrument practice, sketching, geometrical construction, pictorial drawing, multiview projection, dimensioning, sectioning, and reproduction of drawings. One class discussion and seven periods of laboratory work each week.

8:00 to 9:50. Mr. Elliott.

233. MECHANICAL DRAWING III. (4 q. hrs.)

Techniques of drafting as applied to industrial working drawings in design, layout, detail drawings, assembly drawings, parts lists, gearing and cams. Shop sketching is included.

8:00 to 9:50. Mr. Elliott.

Prerequisite: Industrial Arts 134.

336. MILLWORK. (4 q. hrs.)

Furniture and cabinet making with woodwork machines; care and adjustment of machines; spray finishing; planning laboratory activities. Two class discussions and six hours of laboratory work each week.

1:00 to 2:50. Mr. Fowler.

Prerequisite: Industrial Arts 135, 232, 245, and 265. The student pays for material used in this course.

352. MACHINE METAL WORK I. (4 q. hrs.)

Theory and operation of the lathe, milling machine, shaper, surface and pedestal grinders, and drill press. The study of tapers, threads, abrasives, and layout procedures. Two class discussions and six periods of laboratory per week.

11:00 to 12:50. Mr. Coleman.

Prerequisite: Industrial Arts 140.

356. MACHINE METAL WORK III. (4 q. hrs.)

Machining of castings, study of foundry practices, tool and cutter grinding, gear cutting, heat-treatment. One hour discussion and seven hours laboratory per week.

11:00 to 12:50. Mr. Coleman.

Prerequisite: Industrial Arts 354.

UNDERGRADUATE COURSES

***451. ORGANIZATION OF SUBJECT MATTER. (4 q. hrs.)**

(See Graduate Term course description.)

***458. HISTORY OF VOCATIONAL INDUSTRIAL EDUCATION. (4 q. hrs.)**

(See Graduate Term course description.)

JOURNALISM

(Taught in the Department of English)

***460. SUPERVISION OF HIGH SCHOOL PUBLICATIONS. (4 q. hrs.)**

A course designed especially for advisers to high school publications. Topics include staff recruitment, staff relationships, copy preparation, production problems, and editorial judgments for the yearbook and newspaper.

12:00. Mr. Thornburgh.

No credit toward a minor in journalism. Open to juniors, seniors and graduates.

LIBRARY SCIENCE

320. THE SCHOOL LIBRARY MATERIALS CENTER. (4 q. hrs.)

The organization and administration of school libraries, with special emphasis on instructional materials. The purpose, history, basic operation, and standards will be covered.

9:00. Mr. Kim.

332. MATERIALS FOR YOUNG PEOPLE. (4 q. hrs.)

Types of resources best suited for adolescents. Includes reading and evaluation of materials; the study of young people's needs and interests, abilities, and reading habits. Designed to acquaint the student with extent, selection, and use of materials.

1:00. Mr. Lawson.

450 (325). REFERENCE MATERIALS AND SERVICES. (4 q. hrs.)

Introduction to general and specialized sources of information: their content, evaluation, and use. Includes preparation and use of bibliographies; the study of indexes, dictionaries, encyclopedias, and other reference tools.

11:00. Mr. Kim.

Prerequisite: Library Science 320, or consent of instructor.

EASTERN ILLINOIS UNIVERSITY

490 (441). OBSERVATION AND PRACTICE. (4 q. hrs.)

Designed to provide practical experience in library work with special emphasis on service to the public. Eight periods per week under professional supervision comparable to student teaching. Part of this experience may be in the audio-visual field.

Arranged. Mr. Lawson.

Prerequisite: At least four Library Science courses including 320, 430, and 450, or consent of instructor.

MATHEMATICS

122, 123. NUMBER SYSTEMS AND INFORMAL GEOMETRY.

(3 q. hrs. for each course).

The natural number system is developed starting from experiences with sets of physical objects. The real number system is developed by successive extension of the natural number system. Geometry is developed informally on the basis of experiments, measurements, and observation, using physical objects and drawings.

1 Mathematics 122: 9 TThF. Miss Erckmann.

2 Mathematics 122: 11 TWF. Miss Erckmann.

Mathematics 123: 8 TThF. Miss Erckmann.

Prerequisite: Enrollment in the curriculum for elementary teachers. Simultaneous registration in Education 120 is expected. Mathematics 122 is prerequisite to Mathematics 123.

125. ELEMENTARY MATHEMATICS. (4 q. hrs.)

A selection of units on the basic concepts of arithmetic, algebra, geometry.

Section 1, 10:00. Mr. Laible. Section 2, 10:00. Mr. Nanda. Section 3, 12:00. Mr. Laible. Section 4, 9:00. Mr. Williams. Section 5, 1:00. Mr. Crabill. Section 6, 1:00. Mr. Williams. Section 7, 2:00. Mr. Crabill. Section 8, 2:00. Mr. Nanda.

130. ALGEBRA AND TRIGONOMETRY. (4 q. hrs.)

Trigonometric functions; application to triangle solution; properties of the real numbers; sets; functions; equations; determinants and systems of linear equations.

Section 1, 10:00. Mr. LeDuc. Section 2, 11:00. Mr. LeDuc.

Prerequisite: Two years of college preparatory mathematics.

131. ALGEBRA AND TRIGONOMETRY. (4 q. hrs.)

Mathematical induction; binomial theorem, exponents and logarithms; trigonometric identities and equations; complex numbers; theory of equations.

12:00. Mr. Williams.

Prerequisite: Mathematics 130, or three years of college preparatory mathematics including trigonometry and satisfactory placement test score.

UNDERGRADUATE COURSES

134. ANALYTIC GEOMETRY. (4 q. hrs.)

Coordinate systems, straight lines, conic sections, polar and parametric forms; curve sketching techniques.

11:00. Mr. Crabill.

Prerequisite: Mathematics 131, or four years of college preparatory mathematics including trigonometry and satisfactory test score.

232. INTRODUCTION TO COMPUTER PROGRAMMING. (1 q. hr.)

Computer programming in basic machine language and in **FORTRAN**.

Section 1, 8:00 Wednesday. Mr. DiPietro. Section 2, Arranged. Mr. DiPietro.

235. CALCULUS. (4 q. hrs.)

Limits and continuity. The derivative concept. Differentiation techniques through transcendental functions. Law of the Mean. Applications.

8:00. Mr. Laible.

Prerequisite: Mathematics 134.

236. CALCULUS. (4 q. hrs.)

Differentials; the integral concept; integration techniques; applications.

8:00. Mr. LeDuc.

Prerequisite: Mathematics 235.

320. MATHEMATICS IN GRADES K-3. (2 q. hrs.)

Methods and materials for teaching mathematics in grades K-3. Credit for this course does *not* count toward graduation except in the curriculum for the preparation of prospective elementary school teachers.

1:00 Tuesday, Thursday. Miss Erckmann.

Prerequisite: Mathematics 122, 123.

321. MATHEMATICS IN GRADES 4-6. (2 q. hrs.)

Methods and materials for teaching mathematics in grades 4-6. Credit for this course does *not* count toward graduation except in the curriculum for the preparation of prospective elementary school teachers.

1 WF. Miss Erckmann.

Prerequisite: Mathematics 122, 123.

345. CALCULUS. (4 q. hrs.)

Integration techniques, infinite series, partial differentiation, multiple integration, with applications.

12:00. Mr. Nanda.

Prerequisite: Mathematics 236.

EASTERN ILLINOIS UNIVERSITY

*461. ADVANCED CALCULUS. (4 q. hrs.)

(See Graduate Term course description.)

*470, 471. STATISTICS. (4 q. hrs. for each course.)

(See Graduate Term course description.)

*480. MATHEMATICS OF FINANCE. (4 q. hrs.)

(See Graduate Term course description.)

MUSIC

120. BASIC MUSIC FOR CLASSROOM TEACHERS. (4 q. hrs.)

A study of basic music theory through aural analysis and musical notation. Emphasis is placed on ear training, singing by ear and from notation, rhythmic responsiveness and keyboard harmony.

8:00. Mr. Olson.

For Elementary and Junior High majors.

136. CLASS INSTRUCTION IN VOICE. (1 q. hr.)

Beginning vocal instruction for all not assigned to studio instruction. Emphasis is placed upon the attainment of good vocal habits and the ability to sing musically.

11:00. Mr. Maharg.

200 (236). CLASS INSTRUCTION IN CLARINET, FLUTE AND SAXOPHONE.
(2 q. hrs.)

A study of beginning instrumental technique, including methods of teaching.

8:00. Mr. Boyd.

201 (338). CLASS INSTRUCTION IN FLUTE, OBOE, AND BASSOON.
(2 q. hrs.)

A study of beginning instrumental technique, including methods of teaching.

8:00. Mr. Boyd.

204 (237). CLASS INSTRUCTION IN TRUMPET AND FRENCH HORN.
(2 q. hrs.)

A study of beginning instrumental technique, including methods of teaching.

10:00. Mr. Westcott.

UNDERGRADUATE COURSES

205 (337). CLASS INSTRUCTION IN TROMBONE, BARTONE, TUBA AND DRUMS. (2 q. hrs.)

A study of beginning instrumental technique, including methods of teaching.

10:00. Mr. Westcott.

229. INTRODUCTION TO MUSIC LITERATURE. (4 q. hrs.)

An enriching cultural course open to all college students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Favorite selections from the great masterpieces of music are made familiar through listening and analysis.

Section 1, 9:00. Mr. Sanders. Section 2, 1:00. Mrs. Johnson.

321. HISTORY AND LITERATURE OF MUSIC. (4 q. hrs.)

Music from the Classical through the Romantic Period (1750-1875).

10:00. Mrs. Johnson.

Not open to music majors or minors.

328 (228). MUSIC IN ELEMENTARY SCHOOLS. (4 q. hrs.)

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class and made clear through observation of music teaching in the Laboratory School.

10:00. Mr. Olson.

Prerequisite: Music 120. For Elementary Education Majors.

352. HISTORY AND LITERATURE OF MUSIC. (4 q. hrs.)

Development of music from Bach through Beethoven.

11:00. Mr. Sanders.

Open only to music majors and minors.

PHILOSOPHY

300. INTRODUCTION TO PHILOSOPHY. (4 q. hrs.)

The nature and methods of philosophy presented through analysis of selected representative philosophical issues. Knowledge and Truth, the Individual and the State, the Right and the Good, the Interpretation of Religion, God and Nature, and Alternative World Views.

Section 1, 8:00. Mr. Brown. Section 2, 10:00. Mr. Taylor. Section 3, 12:00. Mr. Brown. Section 4, 2:00. Mr. Taylor.

301. HISTORY OF PHILOSOPHY: ANCIENT. (4 q. hrs.)

An historical approach to questions pertaining to Man, God, the World, and Values in which the ideas of philosophers from the Pre-Socrates through Aristotle are examined.

9:00. Mr. Brown.

402. ETHICS. (4 q. hrs.)

A systematic study of the principal types of ethical theory. A consideration of major issues in ethics: the Right and the Good, the nature and validity of moral standards, the problem of conduct, and free will.

11:00. Mr. Taylor.

Prerequisite: At least one course in Philosophy.

PHYSICAL EDUCATION FOR MEN

Professional Courses

120. BASIC ACTIVITIES FOR ELEMENTARY AND SECONDARY SCHOOLS.
(4 q. hrs.)

Games and activities for the elementary and secondary level including body mechanics; basic exercises; rhythms.

9:00. Mr. Darling.

150. INTRODUCTION TO PHYSICAL EDUCATION. (4 q. hrs.)

General scope, purpose, history, growth and development of physical education.

11:00. Mr. Teller.

206. TECHNIQUE OF TEACHING SOFTBALL. (2 q. hrs.)

Section 1, 9 Th; 10 MW. Section 2, 9 Th; 10 TF. Section 3, 9 Th; 11 MW. Mr. Newcomb.

Prerequisite: Physical Education 106 or evidence of a level of competence in the specific skill necessary for teaching.

208. TECHNIQUE OF TEACHING VOLLEYBALL. (2 q. hrs.)

Section 1, 11 F; 1 TTh. Mr. Masley. Section 2, 11 F; 1 WF. Mr. Masley.

Prerequisite: Physical Education 108 or evidence of a level of competence in the specific skill necessary for teaching.

210. TECHNIQUE OF TEACHING ARCHERY. (2 q. hrs.)

Section 1, 10 F; 9 TF. Mr. Teller. Section 2, 10 MTF. Mr. Pinther.

Prerequisite: Physical Education 110 or evidence of a level of competence in the specific skill necessary for teaching.

211. TECHNIQUE OF TEACHING BADMINTON. (2 q. hrs.)

Section 1, 8 T; 9 MTh. Mr. Hussey. Section 2, 8 T; 9 TF. Mr. Hussey.

Prerequisite: Physical Education 111 or evidence of a level of competence in the specific skill necessary for teaching.

212. TECHNIQUE OF TEACHING GOLF. (2 q. hrs.)

Section 1, 9 T; 8 MTh. Mr. Pinther. Section 2, 9 M; 11 TF. Mr. Newcomb. Section 3, 9 T; 11 MW. Mr. Pinther.

Prerequisite: Physical Education 112 or evidence of a level of competence in the specific skill necessary for teaching.

214. TECHNIQUE OF TEACHING TENNIS. (2 q. hrs.)

Section 1, 10 MTW. Mr. Darling. Section 2, 8 Th; 9MTh. Mr. Vaughan. Section 3, 8 Th; 9 TF. Mr. Vaughan.

Prerequisite: Physical Education 114 or evidence of a level of competence in the specific skill necessary for teaching.

227. HEALTH EDUCATION IN ELEMENTARY, JUNIOR, AND SENIOR HIGH SCHOOLS. (4 q. hrs.)

Organic functions and problems of effective healthful living.

8:00. Mr. Masley.

Open to both men and women. **Prerequisite:** Health Education 120.

240 (218). TECHNIQUE OF TEACHING SWIMMING. (2 q. hrs.)

Section 1, 8 T; 9 MTh. Mr. Pinther. Section 2, 10 W; 9 TF. Mr. Wheeler.

Prerequisite: Physical Education 118 or Red Cross Certificate or evidence of a level of competence in the specific skill necessary for teaching.

244. KINESIOLOGY. (4 q. hrs.)

Laws of physics applied to human motion; joint movements; motion of muscle groups. Analysis of fundamental body movements and the adaptation of gymnastic exercises to posture training and sports activities.

8:00. Mr. Woodall.

Prerequisite: Zoology 225. Open to men and women.

340. ORGANIZATION OF GRADE LEVEL ACTIVITIES AND METHODS OF TEACHING THE ACTIVITY IN PHYSICAL EDUCATION. (4 q. hrs.)

Organization of health and physical education activities for various age levels, and methods of teaching health and physical education.

1:00. Mr. Teller.

Prerequisite: Four quarter hours of physical education activities at the 200 level; admission to teacher education.

EASTERN ILLINOIS UNIVERSITY

348. FOOTBALL COACHING. (4 q. hrs.)

Fundamentals of football including blocking, tackling, passing, kicking, offensive and defensive line and backfield play; conditioning; strategy.
11; 10 TF. Mr. McCabe.

349. TRACK AND FIELD COACHING. (4 q. hrs.)

Fundamentals of running and starting; the pole vault; shot; discus; high and broad jumps; javelin; hurdles. Organization of track meets. Study of rules and strategy.
9; 10 MW. Mr. Woodall.

451. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. (4 q. hrs.)

The historical background of physical education; relationship of physical education to general education; physiological, psychological and sociological principles related to physical education.
10:00. Mr. Masley.

*461. THE PREVENTION AND CARE OF ATHLETIC INJURIES. (4 q. hrs.)

(See Graduate Term course description.)

Service Courses

106. SOFTBALL (Beginning). (1 q. hr.)

Section 1, 10 MW. Section 2, 10 TF. Section 3, 11 MW. Mr. Newcomb.

108. VOLLEYBALL (Beginning). (1 q. hr.)

Section 1, 1 TTh. Section 2, 1 WF. Mr. Masley.

110. ARCHERY (Beginning). (1 q. hr.)

Section 1, 9 TF. Mr. Teller. Section 2, 10 TF. Mr. Pinther.

111. BADMINTON (Beginning). (1 q. hr.)

Section 1, 9 MTh. Section 2, 9 TF. Mr. Hussey.
Open to both men and women.

112. GOLF (Beginning). (1 q. hr.)

Section 1, 8 MTh. Mr. Pinther. Section 2, 11 TF. Mr. Newcomb.
Section 3, 11 MW. Mr. Pinther.
Open to both men and women.

UNDERGRADUATE COURSES

114. TENNIS (Beginning). (1 q. hr.)

Section 1, 10 MW. Mr. Darling. Section 2, 9 MTh. Mr. Vaughan.
Section 3, 9 TF. Mr. Vaughan.

Open to both men and women.

140 (118). SWIMMING (Beginning). (1 q. hr.)

Section 1, 9 MTh. Mr. Pinther. Section 2, 9 TF. Mr. Wheeler.

For beginning swimmers only.

141. INTERMEDIATE SWIMMING. (1 q. hr.)

This course is designed for the student who can swim but has need for learning various stroke techniques for safety and recreational purposes.

10 MW. Mr. Lowell.

Prerequisite: P.E.M. 140 or pre-test.

143. SKILLS IN COMPETITIVE SWIMMING AND DIVING. (1 q. hr.)

This course is designed to provide instruction in the finer points of swimming skills, knowledge of rules, and training of swimmers as applied to competitive swim meets.

11 TF. Mr. Wheeler.

Prerequisite: P.E.M. 141 or pre-test.

146. WATER SAFETY INSTRUCTION. (1 q. hr.)

Advanced instruction in water safety. Those students successfully completing the course will be awarded the Red Cross Water Safety Instructor's (W.S.I.) Certificate.

11 MW. Mr. Lowell.

Prerequisite: P.E.M. 142 or a recently earned American Red Cross Senior Life Saving Certificate.

PHYSICAL EDUCATION FOR WOMEN

Professional Courses

130. PLAYS, GAMES AND ACTIVITIES OF LOW ORGANIZATION. (4 q. hrs.)

Games, stunts, athletic and rhythmic activities for the elementary grade children as basic to the high school activities.

11:00. Miss Prybylowski.

Open to both men and women.

**234. TECHNIQUE OF TEAM SPORTS—BASKETBALL, VOLLEYBALL,
AND SOFTBALL. (4 q. hrs.)**

An analysis of the basic techniques of basketball, volleyball, and softball. The selection of materials adaptable to the needs of particular groups.

8:00. Miss Bally.

Prerequisite: Activity courses in the above sports or permission of the instructor.

**252 (352). ACTIVITY NEEDS AND INTERESTS OF THE ELEMENTARY
SCHOOL CHILD. (4 q. hrs.)**

The needs in terms of growth, development, and adjustment of children of the elementary grades. How to choose activities that will contribute most to the satisfaction of these needs.

2:00. Miss Elliott.

Open to both men and women. Prerequisite: Physical Education 130 or permission of instructor.

**353. TECHNIQUE OF INDIVIDUAL SPORTS—ARCHERY, BADMINTON,
TENNIS, AND STUNTS. (4 q. hrs.)**

An analysis of the basic techniques of archery, badminton, tennis, and stunts. The selection of materials adaptable to the needs of particular groups.

12:00. Miss Daves.

Prerequisite: Activity courses in the above sports or permission of the instructor.

356. OUTING CRAFTS. (4 q. hrs.)

To familiarize the student with approved techniques for outdoor living and recreation and to assist him in developing sufficient skill in the various areas so that he becomes self-reliant in an out-of-door environment. The cost of materials used in the practical projects is borne by the student.

1:00. Miss Riley.

Open to both men and women.

**360. INTRODUCTION TO ELEMENTARY SCHOOL PHYSICAL
EDUCATION. (2 q. hrs.)**

A study of physical education as it relates to the total education of children K-6. Emphasis on physical education as planned, developmental experiences within rhythms, games, stunts, tumbling, track and field, and self-testing activities geared to the organic, social and emotional needs of boys and girls.

10:00. Miss Prybylowski.

UNDERGRADUATE COURSES

*456. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (4 q. hrs.)

Designed to develop effective procedures in organization and administration of a program of physical education. Each student prepares a curriculum based upon the principles worked out in Physical Education 451 on the age level of her interest—elementary, junior, or senior high school.

9:00. Miss Prybylowski.

Prerequisite: Physical Education 451. Open to juniors, seniors and graduates.

*458. OBJECTIVES OF PHYSICAL EDUCATION AND ADMINISTRATION OF THE PROGRAM. (4 q. hrs.)

A condensation of Physical Education 451 and 456. The course is specifically planned for minors in Physical Education or for Education Majors with the area concentration in Physical Education.

9:00. Miss Prybylowski.

Open to juniors, seniors and graduates.

Service Courses

175. SOFTBALL (Beginning). (1 q. hr.)

11 MW. Miss Nies.

177. VOLLEYBALL (Beginning). (1 q. hr.)

Section 1, 8 MTh.

180. ARCHERY. (1 q. hr.)

Section 1, 10 MW. Miss Nies. Section 2, 11 TF. Miss Nies.

Required of all majors.

181. BADMINTON (Beginning). (1 q. hr.)

10 TF. Miss Daves.

Required of all majors.

183. GOLF (Beginning). (1 q. hr.)

Section 1, 8 TF. Miss Riley. Section 2, 10 TF. Miss Riley. Section 3, 12 WF. Miss Bally. Section 4, 9 TF. Miss Bally.

Required of all majors.

187. TENNIS (Beginning). (1 q. hr.)

Section 1, 8 MTh. Miss Daves. Section 2, 9 MTh. Miss Daves. Section 3, 11 MW. Miss Riley. Section 4, 10 MW. Miss Riley.

Required of all majors.

EASTERN ILLINOIS UNIVERSITY

190. FOLK AND SQUARE DANCING. (1 q. hr.)

Section 1, 9 TF. Section 2, 10 MW. Miss Snow.

Open to both men and women. Required of all majors.

194. TRACK AND FIELD. (1 q. hr.)

1 TTh. Miss Nies.

For physical education majors and minors only, or permission of the instructor. Major requirement.

199. FUNDAMENTALS. (1 q. hr.)

Understandings and principles of good body mechanics as applied to everyday life. Awareness of tensions, balance, use of muscles in good and poor body mechanics, posture work. Techniques for relaxation.

Section 1, 10 TF. Miss Elliott. Section 2, 11 TF. Miss Elliott. Section 3, 8 TF. Miss Nies. Section 4, 9 TF. Miss Nies. Section 5, 8 MTh. Miss Elliott.

Major requirement.

PHYSICAL SCIENCE, GENERAL

NOTE: *When the semi-colon is used to separate hours, the class meets daily at the first hour, and on the day indicated at the second hour.*

100. PHYSICAL SCIENCE. (4 q. hrs.)

Basic concepts of physical science are presented through a study of topics selected from physics and astronomy.

Section 1, 8; 9 MTh. Mr. Taitt. Section 2, 10; 9 TF. Mr. Taitt.

Physical Science 100 and 101 may be taken in either order or both may be taken simultaneously.

101. PHYSICAL SCIENCE. (4 q. hrs.)

Principles of chemistry having particular application in the field of elementary education are presented.

Section 1, 8; 9 MTh. Mr. Foote. Section 2, 10; 9 TF. Mr. Foreman.

PHYSICS

NOTE: *When the semi-colon is used to separate hours, the class meets daily at the first hour, and on the day indicated at the second hour.*

130, 131, 132. FIRST YEAR COLLEGE PHYSICS. (4 q. hrs. for each course.)

Physics 130, mechanics; 131, wave motion, heat, and electricity; 132, magnetism, light, and nuclear physics.

130: 8; 9 MTh. Mr. Breig.

UNDERGRADUATE COURSES

131: 10; 9 TF. Mr. Cloud.

132: 1; 2 WF. Mr. Eisenhour.

Acceptable as a year of laboratory science in any curriculum. These courses should be taken in the order listed.

236. PHYSICAL OPTICS AND QUANTUM THEORY. (4 q. hrs.)

This is a continuation of the first year college physics sequence. Polarization; interference; diffraction; atomic models; spectra; relativity; X-rays; matter waves.

Section 1, 1; 2 WF. Mr. Waddell.

Prerequisite: First year college physics.

Co-requisite: Mathematics 235.

239. MECHANICS. (4 q. hrs.)

Motion of a particle in one dimension; simple harmonic motion; damped motion; forced harmonic oscillator; vector algebra; vector operators in various coordinate systems.

9:00. Mr. Eisenhour.

Prerequisite: First year college physics and Mathematics 235, co-requisite Mathematics 236. Four hours a week.

250. ELECTRONICS. (4 q. hrs.)

A study of the fundamentals of tube and transistor electronics. Emphasis is on amplifiers and the special circuits used in applied science, such as cathode followers, multivibrators and timing circuits. Four laboratory periods a week.

10:00 to 11:50. Mr. Waddell.

Prerequisite: First year college physics and Mathematics 235.

342. ELECTRICITY AND MAGNETISM. (4 q. hrs.)

Magnetic field due to steady currents; inductance; changing electric currents; magnetic materials; electrical equipment; L, R and C circuits; Maxwell's Equations and radiation.

8:00. Mr. Cloud.

Prerequisite: Physics 341. Four hours a week.

*465. HEAT AND THERMODYNAMICS. (4 q. hrs.)

(See Graduate Term course description.)

*467. INTRODUCTION TO QUANTUM MECHANICS. (4 q. hrs.)

(See Graduate Term course description.)

EASTERN ILLINOIS UNIVERSITY

***480. SPECIAL PHYSICS PROBLEMS. (4 q. hrs.)**

Selected problems based on the student's previous training and interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference.

Arranged. Mr. Breig.

Prerequisite: Permission of instructor. Open to juniors, seniors and graduates.

PHYSIOLOGY

(Taught in Department of Zoology)

345. PHYSIOLOGY. (4 q. hrs.)

A study of basic physiological principles is followed by experimental studies of muscle-nerve complexes, circulation, respiration and digestion.

1; 2 WF. Mr. Ferguson.

Prerequisite: Zoology 110 or 120.

POLITICAL SCIENCE

100. ELEMENTS OF GOVERNMENT. (4 q. hrs.)

Comparative analysis of the institutions and ideologies of contemporary democratic and dictatorial governments designed to provide a systematic overview of the field.

9:00. Miss Soderberg.

110. AMERICAN NATIONAL GOVERNMENT: (Constitutional foundations.) (4 q. hrs.)

Fundamental principles of the American Constitutional system. A treatment of basic concepts of government; constitutionalism; federalism; civil liberties; citizenship; nominations, elections, and political parties.

11:00. Mr. Hall.

111. AMERICAN NATIONAL GOVERNMENT: (Policy Making and Administration). (4 q. hrs.)

Congress, the Presidency, Bureaucrats, and the Judiciary. National policies and administration in foreign affairs, defense, business regulation, agriculture, housing, education, etc.

8:00. Mr. Hall.

332. COMPARATIVE GOVERNMENTS: The U.S.S.R. (4 q. hrs.)

The political system of the Union of Soviet Socialist Republics; the role of the Communist Party, the nature of the constitutional system, and the evolution of Marxism-Leninism-Stalinism.

10:00. Miss Soderberg.

Prerequisite: Political Science 100 or 110 and 111 or consent of the instructor.

UNDERGRADUATE COURSES

***451. AMERICAN CONSTITUTIONAL LAW. (4 q. hrs.)**

(See Graduate Term course description.)

***465. PUBLIC ADMINISTRATION. (4 q. hrs.)**

(See Graduate Term course description.)

***480. POLITICS OF THE EMERGING NATIONS. (4 q. hrs.)**

A comparative survey of the politics and governments of the emerging nations in Africa, Asia, the Middle East, and Latin America.

12:00. Miss Soderberg.

Prerequisite: Political Science 100 or 110 and 111 or consent of the instructor.

Open to juniors, seniors and graduates.

***492. CONTEMPORARY POLITICAL THEORY. (4 q. hrs.)**

(See Graduate Term course description.)

PSYCHOLOGY

231. INTRODUCTION TO PSYCHOLOGY. (4 q. hrs.)

Research theories and methods; principles of motivation, emotion and perception; survey of normal and abnormal adjustment; nature of intelligence testing.

Section 1, 8:00. Mr. Scandrette. Section 2, 9:00. Mr. Stackhouse. Section 3, 10:00. Mr. Stackhouse. Section 4, 1:00. Mr. Stackhouse. Section 5, 8:00. Mr. Summers. Section 6, 9:00. Mr. Summers. Section 7, 12:00. Mr. Summers. Section 8, 10:00. Mr. Scandrette. Section 9, 11:00. Mr. Scandrette.

351. APPLIED PSYCHOLOGY. (4 q. hrs.)

Scope of field; principles applied in testimony and crime detection; employment practices, industrial efficiency and accident prevention; advertising and retail business.

10:00. Mr. Coe.

Prerequisite: Psychology 231.

360. PSYCHOLOGICAL MEASUREMENTS: FUNDAMENTAL PRINCIPLES.

(4 q. hrs.)

Statistical background of psychological test construction and interpretation; description, administration, interpretation and evaluation of interest, aptitude, intelligence and personality tests.

11:00. Mr. Coe.

Prerequisite: Psychology 231.

EASTERN ILLINOIS UNIVERSITY

447. SOCIAL PSYCHOLOGY. (4 q. hrs.)

Scope and methods; biological and social foundations of behavior; individual factors in adjustment; sex, dominance, and prestige; institutional behavior and conflict situations.

1:00. Mr. Coe.

Prerequisite: Psychology 231.

*451. ABNORMAL PSYCHOLOGY. (4 q. hrs.)

Nature and dynamics; organic and functional etiological factors; symptomatic diagnosis; etiology, treatment and prevention of specific neurosis and psychoses.

Section 1, 2:00. Mr. Chahbazi.

Prerequisite: Psychology 231. Open to juniors, seniors and graduates.

*455. MENTAL HYGIENE. (4 q. hrs.)

(See Graduate Term course description.)

SOCIOLOGY

271. PRINCIPLES OF SOCIOLOGY. (4 q. hrs.)

Social relations and institutions; society as communication; competitive co-operation and functional patterns; spatial structure of society; social change; social disorganization; the person in relation to culture and the social organization; social control; and social reform.

Section 1, 8:00. Mr. Moore. Section 2, 11:00. Mr. Timblin. Section 3, 12:00. Mr. Timblin.

272. SOCIAL PROBLEMS AND SOCIAL TRENDS. (4 q. hrs.)

The nature of social problems; the problem of adjustment to external nature; population problems; problems of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Section 1, 12:00. Mr. Delaney. Section 2, 1:00. Mr. Delaney.

368. PUBLIC OPINION AND PROPAGANDA. (4 q. hrs.)

Analysis of the opinion making process; methods of opinion and attitude manipulation; propaganda techniques and methods of public opinion measurement.

9:00. Mr. Delaney.

Prerequisite: Sociology 271 or consent of the instructor.

UNDERGRADUATE COURSES

***472. SOCIAL STRATIFICATION. (4 q. hrs.)**

The problems of status, power, differential behavior; social mobility created by class differences in American society.

8:00. Mr. Timblin.

Prerequisite: Sociology 271 or consent of the instructor.

Open to juniors, seniors and graduates.

474. THE SOCIAL PROBLEMS OF MINORITY GROUPS. (4 q. hrs.)

(See Graduate Term course description.)

***475. CRIME AND JUVENILE DELINQUENCY. (4 q. hrs.)**

(See Graduate Term course description.)

SPEECH

131 (345). SPEAKING IN PUBLIC. (4 q. hrs.)

Fundamental principles and methods of selecting, analyzing, evaluating, organizing, developing, and communicating information, evidence, and points of view for constructive influence in speech situations.

Sections 1, 2 and 3, 8:00. Sections 4, 5, 6 and 7, 9:00. Sections 8, 9 and 10, 10:00. Sections 11 and 12, 11:00. Sections 14 and 15, 12:00. Sections 16 and 17, 1:00. Sections 19 and 20, 2:00.

232. DISCUSSION. (4 q. hrs.)

A study of the nature of discussion; the bases of belief; subject—problems; techniques of preparation; the discussion process; leadership techniques; principles of participation; types and forms of discussion; and evaluating discussion. The application of these principles and techniques in classroom discussions.

10:00. Mr. Rundle.

***470. PSYCHOLOGY OF SPEECH. (4 q. hrs.)**

A study of the nature, origin, and purposes of speech; basic psychological principles; the communicative process; individual and group communication; personality and speech.

9:00. Mr. Hadwiger.

Open to juniors, seniors and graduates.

***480. CONTEMPORARY AMERICAN PUBLIC ADDRESS. (4 q. hrs.)**

(See Graduate Term course description.)

SPEECH CORRECTION

260. SPEECH PATHOLOGY. (4 q. hrs.)

This course is prerequisite to all other courses dealing with disorders of speech. A survey is made of the pathology and etiology of articulatory, voice, hearing, stuttering, and organically based speech disorders. A brief description of the treatment of these disorders is presented.

9:00. Mr. Robertson.

***452. VOICE AND ARTICULATION DISORDERS. (4 q. hrs.)**

Nature, causes and treatment of voice and articulation disorders.

10:00. Mr. Thurman.

Prerequisite: Speech 260, 451. Open to juniors, seniors and graduates.

***457. CLINICAL PRACTICE. (1-4 q. hrs.)**

This course gives actual experience in organizing and conducting speech and hearing surveys. Students are given an opportunity to do supervised work with a variety of speech defective cases. Individual projects are worked on a seminar basis.

Arranged. Mr. Thurman.

Prerequisite: Speech 260, 451. Open to juniors, seniors and graduates.

THEATRE ARTS

132. VOICE AND PHONETICS. (4 q. hrs.)

A study of voice production and the articulation of sounds; the phonetic alphabet; ear training, and practice in phonetic transcription.

11:00.

133. BEGINNING ORAL INTERPRETATION. (4 q. hrs.)

Designed to increase vocal skills through reading poetry and prose aloud. Emphasis on heightening enjoyment of literature and preparing the student for advanced work.

10:00. Mr. Schneider.

Prerequisite: Theatre Arts 132.

281. SUMMER THEATRE. (4-12 q. hrs.)

These courses are designed to give practical, comprehensive experience in theatre arts. Credit for 4, 8, or 12 quarter hours may be earned in one summer.

Arranged. Mr. Bielenberg, Mr. Gabbard, Mr. Schneider, and Miss Smith.

***481. SUMMER THEATRE. (4-12 q. hrs.)**

These courses are designed to give practical, comprehensive experience in dramatic art. The range of supervised learning experiences extends from acting, costuming, and scenery construction to compiling prompt books, conducting rehearsals, and business management of the theatre. Credit for 4, 8, or 12 quarter hours may be earned in one summer. A student may repeat the courses as many times as desired, but the credit which may be applied to a bachelor's degree is limited to 12 q. hrs. Eight hours may be applied to a master's degree.

Mr. Bielenberg, Mr. Gabbard, Mr. Garner, Mr. Schneider, and Miss Smith.

ZOOLOGY

NOTE: *Where the semi-colon is used to separate hours, the class meets daily at the first hour and on the days indicated at the second hour.*

120. GENERAL ZOOLOGY. (4 q. hrs.)

A consideration of fundamental biological structures and principles based upon animal material. The structure and physiology of cells, tissues, and organs are considered.

Section 1, 8; 9 MTh. Mr. Durham. Section 2, 10; 9 TF. Mr. Funk. Section 3, 1; 2 WF. Mr. Rawls.

121. GENERAL ZOOLOGY. (4 q. hrs.)

This course is concerned with the various types of animal reproduction, genetics, eugenics, and with the fundamentals of embryology.

1; 2 WF. Mr. Krehbiel.

Prerequisite: Zoology 120, 121.

122. GENERAL ZOOLOGY. (4 q. hrs.)

A study of the structure and natural history of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, economic importance and evolution are considered.

11; 12 TF. Mr. Funk.

Prerequisite: Zoology 120, 121.

215 (346). EMBRYOLOGY. (4 q. hrs.)

(See Graduate Term course description.)

225. ANATOMY. (4 q. hrs.)

A study of osteology from human bones, followed by dissection of the cat. Primary emphasis on muscles with the specific object of understanding general body movement.

8:00 to 9:50 MTTh. Mr. Krehbiel.

Prerequisite: None; however, Zoology 120 and 121 and sophomore standing are desirable.

227. PARASITOLOGY. (4 q. hrs.)

The fundamentals of the study of animal parasites, means of identification, life histories, and methods of control of the more common parasites, including those of man.

11; 12 TF. Mr. Kniskern.

Prerequisite: Zoology 120, 121, 122 or equivalent.

338 (125). ELEMENTARY ENTOMOLOGY. (4 q. hrs.)

A study of insects which are common in the local environment. Means of recognition and life-history studies are stressed.

1; 2 WF. Mr. Goodrich.

Prerequisite: Two courses in biological science. Open only to elementary education majors.

343. ENTOMOLOGY. (4 q. hrs.)

A study of insects. Deals with the morphology, classification, ecology and economic importance of this large class. Methods of collection and preparation of specimens are included.

11; 12 TF. Mr. Goodrich.

Prerequisite: Zoology 110, 111, 212 or equivalent.

347. FISHERIES BIOLOGY. (4 q. hrs.)

The fundamentals of the study of the anatomy, classification, life histories and conservation of fish. Field work and study of local fish are stressed.

10; 9 TF. Mr. Durham.

Prerequisite: Zoology 110, 111, 212 or equivalent.

*450. ANIMAL HISTOLOGY. (4 q. hrs.)

(See Graduate Term course description.)

*453 (448). ANIMAL ECOLOGY. (4 q. hrs.)

(See Graduate Term course description.)

DESCRIPTION OF COURSES

In Graduate Term

June 20 - August 15

(See notes under Description of Courses in Undergraduate Quarter.)

Courses described in this section meet in seventy-five minute periods, beginning at 8:00, 9:30, 11:00, 1:00 and 2:30, unless otherwise specified.

ANTHROPOLOGY

(Courses numbered 550 and above are open only to graduate students.)

552. CULTURAL ANTHROPOLOGY. (4 q. hrs.)

An introduction to the scientific study of man and his culture. By the use of the comparative method an analysis will be undertaken of the kinship, religious, legal, political, economic, technological, literary, and artistic manifestations of primitive and complex societies.

9:30 to 10:45. Mr. Wood.

Credit applicable only to group III of the requirements for the degree M. S. in Ed.

ART

(Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

520. ANALYSIS OF PAINTING TECHNIQUES. (4 q. hrs.)

Study of techniques and media used by painters in the development of the different styles of painting, with opportunity for experience in working in each according to individual choice.

Arranged. Mr. Shull.

550. CONTEMPORARY TRENDS IN VISUAL ARTS. (4 q. hrs.)

The development of the visual arts today—materials, forms, purpose, treatment; basis for evaluation and role in contemporary living.

Section 1, 8:00 to 9:15. Mr. Countryman. Section 2, 1:00 to 2:15. Mr. Stapp.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

561. ADVANCED DRAWING. (4 q. hrs.)

Development of personal expression in drawing and in marking systems.

Arranged. Mr. Shull.

Prerequisite: 12 q. hrs. of drawing or permission of the instructor.

570. PAINTING PROBLEMS. (4 q. hrs.)

Individual work in various media for the purpose of analyzing possibilities for pictorial expression.

Arranged. Mr. Shull.

580. RESEARCH IN ART EDUCATION. (4 q. hrs.)

The methods and structure of research as used in art education.

Arranged. Mr. Stapp.

591. PROBLEMS IN ART EDUCATION. (4 q. hrs.)

Statement, analysis and evaluation of current problems in the teaching of art in the public schools.

Arranged. Mr. Stapp.

595. THESIS. (4 q. hrs.)

BOTANY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

454 (344). EXPERIMENTAL PLANT PHYSIOLOGY. (4 q. hrs.)

A qualitative and quantitative study by experiments and demonstrations of the biochemical processes that result in the growth and development of plants and the application of this knowledge in solving plant growth problems.

8:00 to 9:15 MTh; 8:00 to 10:45 TF. Mr. Weidner.

Prerequisite: Botany 120, 121, 222 and one year of chemistry.

510, 511. BASIC BOTANY. (4 q. hrs.)

Today's concepts of plants—their growth, development, and distribution. Field trips are a part of this course; both short trips and one or two of overnight duration are planned.

11:00; 2:30 to 4:30. Mr. Arzeni.

These courses are planned especially for the Science Institute.

550. THE SCIENCE OF PLANT LIFE. (4 q. hrs.)

Fundamentals of plant science as experienced in everyday living and the common problems of the agriculturist and the home gardener.

1:00 to 2:15. Mr. Weidner.

Credit applicable only to Group III of the requirements for the degree M. S. in Ed.

595. THESIS. (4. q. hrs.)

BUSINESS

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

461. INCOME TAX ACCOUNTING. (4 q. hrs.)

The fundamentals of Federal Income Tax Accounting under the latest amendments to the Internal Revenue code. Income tax blanks and forms are filled in with special emphasis upon the returns of individuals.

8:00 to 9:15. Mr. Ballsrud.

Prerequisite: Business 230, 231, 232 or permission of instructor.

520. PRACTICUM IN DATA PROCESSING. (4 q. hrs.)

The nature and function of modern, high speed information handling equipment. Includes unit record and electronic computers. Problems on the equipment, with special emphasis on the development of teaching materials.

9:30 to 10:45. Mr. Hallam.

Not open to students with credit in Business 330 or 331.

545. PROBLEMS IN BUSINESS EDUCATION. (4 q. hrs.)

Current business education problems, such as supervision, administration, curriculum, equipment, standards, viewpoints of national leaders; problems growing out of the particular needs and interests of the students.

11:00 to 12:15. Mr. Cooper.

550. THE CORPORATION IN SOCIETY. (4 q. hrs.)

A course for non-business majors to give an understanding of the corporate form of organization; the genesis of the corporate idea and the

EASTERN ILLINOIS UNIVERSITY

adaptation of this idea to the requirements of modern society; implications for the individual and society.

1:00 to 2:15. Mr. Griffin.

Credit applicable only to Group III of the requirements for the degree M. S. in Ed.

595. THESIS. (4 q. hrs.)

Study and investigation in business education for students electing Plan A for the master's degree.

CHEMISTRY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

343. ORGANIC CHEMISTRY. (4 q. hrs.)

Section 2, 8:00 to 9:15; 8:00 to 10:45 Th. Mr. Baker.

Offered for N.S.F. students for undergraduate credit only.

494. NUCLEAR CHEMISTRY. (4 q. hrs.)

Radioactivity and the radioactive properties of isotopes are studied in relationship to their chemical properties and uses.

8; Lab. arranged. Mr. Phipps.

Prerequisite: Five terms of chemistry including 234 and/or 361, or permission of the department head.

510, 511. BASIC CHEMISTRY. (8 q. hrs) (8 weeks)

A review of fundamental principles and theories of first year chemistry, followed by work in advanced inorganic chemistry. Laboratory and field trips.

11:00; 2:30 to 4:30. Mr. Hoffman.

These courses are planned especially for the Science Institute.

556, 557. ADVANCED CHEMISTRY. (4 q. hrs. for each course.)

A problem is selected in the area of the student's major interest after consultation with the instructor and the department head. The methods used in solving scientific problems are developed through the use of literature, laboratory and consultations.

Arranged.

595. THESIS. (4 q. hrs.)

ECONOMICS

(Courses numbered 550 and above are open only to graduate students.)

550. THE SOVIET ECONOMY. (4 q. hrs.)

An intensive inquiry into the nature of the Soviet economy. Emphasis will be given to the current and historical economic factors which have given rise to the phenomenal development of the Soviet economy from one of the most retarded and economically underdeveloped nations to the second leading industrial nation in the world in less than a half century.

8:00 to 9:15. Mr. McConkey.

Credit applicable only to Group III of the requirements for the degree M. S. in Ed.

EDUCATION

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

464. HISTORY OF EDUCATION IN THE UNITED STATES. (4 q. hrs.)

The colonial roots of pluralism; the single-track system; expansion of institutions and enrollments; and modern cross-currents.

9:30 to 10:45. Mr. McKenna.

Prerequisite: American history. Admission to teacher education.

485. SCHOOL LAW. (4 q. hrs.)

A course designed to develop an understanding of the basic legal factors related to the school. Professional and extra-legal controls are also considered.

11:00 to 12:15. Mr. Larson.

Prerequisite: Twelve quarter hours in education and psychology.

487. INTRODUCTION TO AUDIO-VISUAL EDUCATION. (4 q. hrs.)

Theory and principles for use of audio-visual materials in teaching. Experiences are provided in the operation, selection, and utilization of audio-visual aids.

8:00 to 9:15. Mr. Stockman.

Prerequisite: Twelve quarter hours in education and psychology.

490. PRINCIPLES AND TECHNIQUES OF GUIDANCE. (4 q. hrs.)

An introductory course; principles and purposes underlying guidance activities; means by which guidance activities may be carried on in the school system. The role of the classroom teacher in a guidance program is emphasized.

Section 1, 8:00 to 9:15. Mr. Overton. Section 2, 1:00 to 2:15. Mr. Green.

Prerequisite: Twelve quarter hours in education and psychology.

528 (469). PROBLEMS IN THE TEACHING OF READING. (4 q. hrs.)

A study of the types of reading and study difficulties; methods of diagnosis and remedial work useful to classroom teachers and supervisors. Experience with children in clinic whenever possible.

8:00 to 9:15. Mr. MacLaven.

Prerequisites: Sixteen quarter hours in education and psychology.

540 (459). ADVANCED EDUCATIONAL PSYCHOLOGY. (4 q. hrs.)

Theories of learning; transfer and functional learning; creative thinking and problem solving; "teaching machines" and other self-instructional devices.

9:30 to 10:45. Mr. Doughty.

Prerequisite: Twelve quarter hours in education and psychology.

543. MEASUREMENT AND EVALUATION. (4 q. hrs.)

Knowledge of nature and use of various types of standardized tests. Sources of test information, statistical concepts and devices used in measurement of achievement, reliability and validity and the interpretation of scores and profiles. Test planning, item construction and analysis assignment of marks.

1:00 to 2:15. Mr. Doughty.

Prerequisite: 8 q. hrs. in Human Growth and Development and/or psychology.

550. PRINCIPLES OF CURRICULUM DEVELOPMENT. (4 q. hrs.)

Basic concepts underlying curricula; processes used in curriculum development. Building of evaluative criteria for analyzing current and proposed curricula.

Section 1, 9:30 to 10:45. Mr. Knapp. Section 3, 1:00 to 2:15. Mr. Knapp.

Credit applicable to Group I of the requirements for the degree M. S. in Ed.

551. SOCIAL FOUNDATIONS OF EDUCATION. (4 q. hrs.)

A sociological analysis of education as it is affected by communities and institutions, social stratifications, and the professionalizing of teaching.

Section 1, 11:00 to 12:15. Mr. Pulliam. Section 2, 2:30 to 3:45. Mr. Pulliam.

Credit applicable to Group I of the requirements for the degree M. S. in Ed.

552. UNDERSTANDING THE INDIVIDUAL. (4 q. hrs.)

Personality development and concepts of the self; need satisfaction and perception of threat; problems of adjustment and determinants of personality.

Section 1, 8:00 to 9:15. Section 2, 11:00 to 12:15. Section 3, 1:00 to 2:15. Mr. Crane.

Prerequisite: Twelve quarter hours in education and psychology. Credit applicable to Group I of the requirements for the degree M.S. in Ed.

553. PHILOSOPHY OF EDUCATION. (4 q. hrs.)

A study of some modern educational ideologies and of their relations with ethics, politics, religion, and art.

1:00 to 2:15. Mr. McKenna.

Credit applicable to Group I of the requirements for the degree M.S. in Ed.

554. HISTORY OF EDUCATIONAL THOUGHT. (4 q. hrs.)

Educational ideas and events of the past are related to the social and political framework of their days and to the contemporary scene. By emphasizing the continuity of thought in the progress of civilization the course provides an historical perspective for evaluating present controversies and trends.

8:00 to 9:15. Mr. McKenna.

Credit applicable to Group I of the requirements for the degree M.S. in Ed.

560. INTRODUCTION TO GRADUATE STUDY. (4 q. hrs.)

A course to acquaint students with the nature and responsibilities of advanced professional study. Students are given experiences in locating and defining problems, in using elementary research techniques, in writing conclusions and recommendations in acceptable form, and in interpreting and evaluating research.

9:30 to 10:45. Mr. Garner.

Prerequisite: Sixteen hours of education and psychology.

561. ADVANCED DEVELOPMENTAL READING. (4 q. hrs.)

A study of the educational and psychological backgrounds of reading instruction. Emphasis is placed upon the nature of the reading instruction, programs of instruction, and methods of materials.

9:30 to 10:45. Mr. Grado.

Prerequisite: Education 328 or equivalent.

562. REMEDIAL READING PRACTICUM. (4-8 q. hrs.)

Supervised practice in working with individual students in remedial reading situations using students from the laboratory school or from schools of the surrounding area.

11:00 to 12:15. Mr. MacLaven.

Prerequisite: Education 469 and permission of the instructor.

564. TEACHING AND SUPERVISION OF THE SOCIAL STUDIES IN
ELEMENTARY SCHOOLS. (4 q. hrs.)

A study of objectives, scope and sequence of content in teaching social studies in elementary schools. Consideration of methods and techniques used in providing for individual differences through the effective use of concrete experience, audio-visual materials, group dynamics, reading and evaluation.

1:00 to 2:15. Mr. Grado.

566. THE SCIENCE CURRICULUM IN THE ELEMENTARY SCHOOL.
(4 q. hrs.)

A course to help the elementary teacher, the elementary supervisor, and the elementary principal improve the elementary science curriculum. Attention is given to the scope and sequence of elementary school science, the revision of existing science curricula, and selection of materials for teaching the revised elementary science curricula.

1:00 to 2:15. Mr. Schenke.

Prerequisites: 8 q. hrs. of biological science, 8 q. hrs. of physical science, and Education 329, or permission of the instructor.

574. PERSONALITY DYNAMICS. (4 q. hrs.)

A study of the nature of personality and of various theories of personality with attention given to techniques of personality evaluation.

11:00 to 12:15. Mr. Moler.

Prerequisite: Sixteen hours of education and psychology.

GRADUATE COURSES

580 (480). SCHOOL ORGANIZATION AND ADMINISTRATION. (4 q. hrs.)

Educational administration in social and historical perspective; authentication of principles of administration; application of principles; legal structure of education as a state function.

8:00 to 9:15. Mr. Matzner.

Prerequisite: Twelve quarter hours in education and psychology.

581. SCHOOL SUPERVISION—A GROUP PROCESS. (4 q. hrs.)

The origin, development, and current trends in school supervision, as well as the recognized responsibilities of supervisors and teachers to the supervisory program, are studied intensively. Emphasis is placed on the practical application of principles of leadership and supervision.

1:00 to 2:15. Mr. Garner.

Prerequisite: Education 550.

582 (481). WORK OF THE PRINCIPAL IN THE MODERN SCHOOL. (4 q. hrs.)

A basic professional course for the principalship in either the elementary or secondary school. The discussion, materials, and assigned problems are adapted to the interests and needs of the individual student.

11:00 to 12:15. Mr. Matzner.

Prerequisite: Twelve quarter hours in education and psychology, Education 580.

590. CURRENT PRACTICES AND PROBLEMS IN COUNSELING. (4 q. hrs.)

An advanced course in theory and practices of counseling; need of counseling services; place of the counselor in the school program; in-service training of counselors; gathering, recording and interpreting information; tests and the counseling situation; and educational and vocational planning.

8:00 to 9:15. Mr. Corey.

Prerequisite: Education 490.

591. ORGANIZATION AND ADMINISTRATION OF GUIDANCE AND PERSONNEL SERVICES. (4 q. hrs.)

Principles and current trends in organization and administration of school guidance programs; types of organizations, public relations, integration of guidance services and curriculum.

9:30 to 10:45. Mr. Green.

Prerequisite: Education 490.

593. COUNSELING PRACTICUM. (4 q. hrs.)

Supervised practice in counseling individual students. Practice provided at the level of the graduate's primary interest.

Arranged. Mr. Overton.

Prerequisite: Education 590, 592.

EASTERN ILLINOIS UNIVERSITY

594. PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE. (4 q. hrs.)

A study of the principles and their application in the area of group guidance including techniques of group discussion, sociometrics, and role-playing.

9:30 to 10:45. Mr. Crane.

Prerequisite: Education 590.

595. THESIS. (4 q. hrs.)

596. THE JUNIOR COLLEGE MOVEMENT. (4 q. hrs.)

History of the junior college movement in the United States with special attention to problems and issues affecting junior colleges in Illinois. Research is utilized in examining the extent to which the junior college is achieving its stated objectives.

8:00 to 9:15. Mr. Larson.

Prerequisite: Sixteen hours of education and psychology.

600 (580). PROBLEMS IN SCHOOL ADMINISTRATION. (4 q. hrs.)

An advanced seminar in problems of significance to educational administration.

9:30 to 10:45. Mr. Shuff.

Prerequisite: At least 12 credits in administration and supervision plus completion of Group I courses.

601, 602. THE FIELD EXPERIENCE IN ADMINISTRATION.

(4 q. hrs. for each course.)

The field experience is designed to provide a comprehensive experience planned by the student's committee and the supervising administrator. Evaluation and supervision is the responsibility of the advisor.

Arranged. Mr. Shuff.

Prerequisite: Admission to Candidacy for the Certificate of Advanced Study and approval of the department.

ENGLISH

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

454. THE TRANSCENDENTAL MOVEMENT. (4 q. hrs.)

A study of the New England Transcendental movement. Major emphasis is placed on the writings of Ralph Waldo Emerson and Henry David Thoreau, although some attention is given to other writers who figured in the movement.

2:30 to 3:45. Mr. Steinmetz.

471. POETRY OF THE ROMANTIC PERIOD. (4 q. hrs.)

Precursors of Romanticism and Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats.

9:30 to 10:45. Mr. Pollard.

520. STUDIES IN RENAISSANCE POETRY. (4 q. hrs.)

A study of a single major poet—such as Spenser or Sidney—or a group of poets, in relation to the dominant ideals and attitudes of the Renaissance.

1:00 to 2:15. Mr. Pollard.

541. STUDIES IN AMERICAN PROSE. (4 q. hrs.)

A study of some movement in American prose, such as the romance and the novel in nineteenth century fiction; the short story; the rise of realism; the nineteenth century novel: theory and practice; the novelle; biography, autobiography, and the essay.

1:00 to 2:15. Mr. Steinmetz.

Prerequisite: English 250 and 251 or their equivalents or the consent of the instructor.

577. STUDIES IN SEVENTEENTH CENTURY LITERATURE. (4 q. hrs.)

Studies in single or related authors from John Doone to John Dryden, excluding Milton and the drama.

9:30 to 10:45. Mr. Kline.

579. STUDIES IN EIGHTEENTH CENTURY PROSE AND POETRY. (4 q. hrs.)

Pope and the Neo-classical ideal; the Johnson circle; the Scottish nature poets.

11:00 to 12:15. Mr. Kline.

595. THESIS. (4 q. hrs.)

EASTERN ILLINOIS UNIVERSITY

FOREIGN LANGUAGES

(Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

Spanish

510 (450). POETRY OF SPAIN. (4 q. hrs.)

Readings and analysis of Spanish poetry from 15th century to present.
8:00 to 9:15. Miss Ortiz.

511 (451). SELECTED MODERN DRAMA OF SPAIN. (4 q. hrs.)

Reading of complete modern dramas of Spain from second half of the 19th century to present, with emphasis in current developments in Spanish theater. Discussions in Spanish.

11:00 to 12:15. Miss Ortiz.

595. THESIS. (4 q. hrs.)

GEOGRAPHY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

471. POLITICAL GEOGRAPHY. (4 q. hrs.)

A study of the great world powers in the light of their geographic conditions. Analysis is made of current "hot spots" and the fundamentals of national strength.

1:00 to 2:15. Mr. McDonald.

490. SPECIAL PROBLEMS IN GEOGRAPHY. (4 q. hrs.)

Provides opportunity for the student to do independent study in the field of geography. Designed for the individual needs of the student at either the undergraduate or graduate level.

Arranged. Mr. Price.

550. GEOGRAPHY IN WORLD AFFAIRS. (4 q. hrs.)

Opportunity given to study the working bonds between man and the environment with particular emphasis upon the natural resources, agricultural and industrial production and transportation in national affairs. Problems of international politics are considered and the geographic foundations of these problems analyzed. No previous work in geography required.

8:00 to 9:15. Mr. McDonald.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

590. SEMINAR IN EDUCATIONAL GEOGRAPHY. (4 q. hrs.)

The place of geography among the disciplines in the curriculum at all levels of instruction from the elementary school through the junior college. The student is required to present a written report of significant research on some phase of educational geography.

Arranged. Mr. Price.

595. THESIS. (4 q. hrs.)

HISTORY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

460. RECENT UNITED STATES HISTORY, 1900-1930. (4 q. hrs.)

This course will be an intensive study of America's rise to world power, the Progressive Era, the United States' role in the First World War, the 1920's, and the background to the Great Depression.

9:30 to 10:45. Mr. Maurer.

467. HISTORY OF THE AMERICAN FRONTIER: THE TRANS-APPALACHIAN FRONTIER, 1783-1850. (4 q. hrs.)

A study of the westward push of Americans into the Mississippi Valley, the growth of new states, the West in the War of 1812, and the role of the frontier west in the growth of sectionalism in the United States prior to the Civil War.

11:00 to 12:15.

Prerequisite: History 233 and 234.

486. THE WORLD IN THE TWENTIETH CENTURY I. (4 q. hrs.)

Origins of World War I; Versailles and its aftermath; the emergence of new small nations and the spread of nationalism in Asia; the rise of Communism, Fascism and Nazism; the Great Depression; the era of dictatorship.

8:00 to 9:15. Mr. Thorburn.

545 (472). SPECIAL PROBLEMS IN AMERICAN HISTORY. (4 q. hrs.)

Special study by intensive reading in an area of history of interest to the student. The student will be allowed to investigate a significant topic in American history through extensive reading of the primary and secondary material in the field.

11:00 to 12:15. Mr. Maurer.

Prerequisite: History 233, 234, 235.

551 (494). THE LITERATURE OF AMERICAN HISTORY. (4 q. hrs.)

9:30 to 10:45. Mr. Thorburn.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

561. HISTORIOGRAPHY AND HISTORICAL METHODS. (4 q. hrs.)

A study of the methods of historical research. Selection of a topic of research and its limitations, the acquisition of material, and the study of style in historical writing.

1:00 to 2:15. Mr. Nichols.

563. SEMINAR IN AMERICAN HISTORY. (4 q. hrs.)

Intensive study of special topics in American history, to be determined by the interests of the students.

8:00 to 9:15.

564. SEMINAR IN EUROPEAN HISTORY. (4 q. hrs.)

Intensive study in special topics in European history, to be determined by the interests of the student.

2:30 to 3:45. Mr. Nichols.

569. SEMINAR IN NINETEENTH CENTURY EUROPE. (4 q. hrs.)

Intensive study in topics dealing with nineteenth century Europe.

1:00 to 2:15. Mr. Horak.

570. SEMINAR IN TWENTIETH CENTURY EUROPE. (4 q. hrs.)

Intensive study in topics dealing with Twentieth century Europe.

2:30 to 3:45. Mr. Horak.

595. THESIS. (4 q. hrs.)

INDUSTRIAL ARTS

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

***451. ORGANIZATION OF SUBJECT MATTER. (4 q. hrs.)**

A continuation of Industrial Arts 340 involving advanced work in the preparation of instructional material with a view to providing for individual needs and progress. Students taking this course for graduate credit must evaluate in the nature of a term paper their prepared instructional materials in terms of commonly accepted "principles of teaching."

11:00 to 12:15. Mr. Erwin.

Prerequisite: Industrial Arts 340.

458. HISTORY OF VOCATIONAL INDUSTRIAL EDUCATION. (4 q. hrs.)

A course in the history, organization and administration of vocational education. Federal and state laws affecting vocational schools are considered.

1:00 to 2:15. Mr. Elliott.

550. GRAPHIC ARTS IN A CHANGING CULTURE. (4 q. hrs.)

Offered as a cultural course in the graduate program. Develops an appreciation of the importance of graphic arts through discussion, laboratory experiences, field trips and appropriate audio-visual methods.

1:00 to 2:15. Mr. Strandberg.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

565. PHILOSOPHY OF PRACTICAL ARTS EDUCATION. (4 q. hrs.)

Sociological principles, theories, and beliefs which have contributed to present educational practices; relationships of practical arts education, vocational education, and general education; philosophical considerations underlying current vocational education programs.

9:30 to 10:45. Mr. Strandberg.

570. DESIGN AND CONSTRUCTION IN INDUSTRIAL ARTS. (4 q. hrs.)

Designing of projects to meet objectives of work, ability levels of students and typical equipment found in laboratories. Three class and two periods of laboratory work.

8:00 to 9:15. Mr. Klehm.

Prerequisite: Industrial Arts major including a background in principles of design.

EASTERN ILLINOIS UNIVERSITY

575. PROFESSIONAL RESEARCH IN INDUSTRIAL ARTS. (4 q. hrs.)

Designed for development of instructional aids, devices or problems for teaching industrial education. The plan for research to be undertaken must be approved by instructor and head of the department. Conference method.

1:00 to 2:15. Mr. Erwin.

595. THESIS. (4 q. hrs.)

MATHEMATICS

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

461. ADVANCED CALCULUS. (4 q. hrs.)

Vectors and vector functions; the calculus of functions of several variables; line and surface integrals; Green's Theorem, and Stokes' Theorem.

8:00 to 9:15. Mr. Koontz.

Prerequisite: Mathematics 345.

470, 471. STATISTICS. (4 q. hrs. for each course.)

Probability; statistical methods; empirical and theoretical frequency distributions; elementary sampling theory; correlation and regression; general principles for testing hypotheses and for estimation; statistical design in experiments.

470, 11:00 to 12:15. Mr. Derwort. 471, 1:00 to 2:15. Mr. Derwort.

Prerequisite: Mathematics 236.

480. MATHEMATICS OF FINANCE. (4 q. hrs.)

Applications of mathematics to such topics as simple and compound interest, discount, annuities, capitalization, depreciation, and insurance.

1:00 to 2:15. Mr. Koontz.

Prerequisite: Mathematics 131.

507. DIGITAL COMPUTER TECHNIQUES. (4 q. hrs.)

Programming techniques using machine language, symbolic and automatic programming languages.

9:30 to 10:45. Mr. DiPietro.

Prerequisite: Mathematics 345 or permission of the instructor. Primarily for graduates.

530. ANALYSIS. (4 q. hrs.)

A selection of topics from modern theories of the real number, functions, point sets, transfinite cardinals and ordinals, and Fourier series.

8:00 to 9:15. Mr. Christmas.

Prerequisite: Mathematics 345.

540. THE TEACHING OF ARITHMETIC IN THE PRIMARY AND INTERMEDIATE GRADES. (4 q. hrs.)

The techniques, methods, and materials used in teaching the concepts and skills of arithmetic in grades one through six.

11:00 to 12:15. Mr. Coon.

550. MATHEMATICS IN MODERN EDUCATION AND LIFE. (4 q. hrs.)

The subject matter of elementary mathematics, its role in the development of civilization, and its role in the public school curriculum.

9:30 to 10:45. Mr. Christmas.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

570. PROBLEMS IN THE TEACHING OF MATHEMATICS. (4 q. hrs.)

Recent curriculum advancements; study of topics selected from those proposed for study in secondary schools; effective teaching methods; assigned readings; reports.

2:30 to 3:45. Mr. Coon.

595. THESIS. (4 q. hrs.)

MUSIC

(Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

500, 501, 502, 503. INDIVIDUAL INSTRUCTION IN LITERATURE. (1 q. hr.)

Voice, piano, organ, band and orchestral instruments; a practical course in performance and interpretation of representative compositions.

Arranged.

516. ADVANCED CONDUCTING AND PERFORMANCE PRACTICES. (4 q. hrs.)

A study of the styles of choral, band, and orchestra literature as they pertain to the problems of the conductor. The student concentrates in the area of his special interest.

11:00 to 12:15. Mr. Pence.

517. ANALYTICAL TECHNIQUES. (4 q. hrs.)

An investigation of structure, stylistic characteristics and compositional techniques.

8:00 to 9:15. Mr. Aulabaugh.

Prerequisite: Music 453.

531. PRINCIPLES OF SINGING. (4 q. hrs.)

A consideration of the processes involved in voice production: respiration, phonation, articulation, and resonance. The psychological, physiological, and acoustical problems involved in the teaching of singing, either in private or class lessons: voice classification, quality, diction, registration, breath support, and breath control. The course is designed for the advanced student.

9:30 to 10:45. Mr. Maharg.

532. SYMPHONIC LITERATURE. (4 q. hrs.)

A survey of orchestral music from its beginning. The Manheim composers, the Viennese classics, the Romanticists, the National schools, and late European and American developments.

1:00 to 2:15. Mr. Weidner.

551. MUSIC IN CONTEMPORARY CULTURE. (4 q. hrs.)

A study is made of the music of the radio, moving pictures, stage, and the concert hall. Contemporary personalities, organizations, and centers of musical activity are surveyed.

11:00 to 12:15. Mr. Aulabaugh.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

556. TEACHING TECHNIQUES IN WOODWINDS. (2 q. hrs.)

An advanced course in woodwind instruments. It is designed to give the teacher of music advanced techniques in teaching materials and methods of the woodwind instruments.

8:00 to 9:15. Mr. Boyd.

557. TEACHING TECHNIQUES IN BRASS AND PERCUSSION. (2 q. hrs.)

Practical work in the advanced techniques of the brass and percussion instruments. Materials and methods pertaining to the instrumental program in the public schools are studied.

9:30 to 10:45. Mr. Westcott.

561. **METHODS OF MUSIC IN JUNIOR AND SENIOR HIGH SCHOOL.** (4 q. hrs.)

Curriculum construction, course content, class voice, the general music class, physical facilities, library building, building the program for assemblies in music, community relationships and materials in music are included for detailed study.

2:30 to 3:45. Mr. Pence.

581. **MUSIC OF THE TWENTIETH CENTURY.** (4 q. hrs.)

The chief musical developments in Western Europe and the Americas from 1890 to the present.

9:30 to 10:45. Mr. Weidner.

595. **THESIS.** (4 q. hrs.)

PHILOSOPHY

(Courses numbered 550 and above are open only to graduate students.)

550. **PHILOSOPHIC INQUIRY: AN ADVENTURE OF IDEAS.** (4 q. hrs.)

An exploration of man's thinking about himself, God, the World and Values presented through an analysis of selected philosophers or schools of philosophy. This course is designed for the student with little or no previous training in philosophy.

1:00 to 2:15. Mr. Penn.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

PHYSICAL EDUCATION FOR MEN

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

461. **THE PREVENTION AND CARE OF ATHLETIC INJURIES.** (4 q. hrs.)

Athletic injury statistics; primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved; taping, padding, and bracing new and recurrent injuries.

11:00 to 12:15. Mr. Groves.

500. INTRODUCTION TO GRADUATE STUDY IN PHYSICAL EDUCATION.

(4 q. hrs.)

A critical review of selected studies in the literature of physical education. Evaluation of the literature; study of problems confronting the profession; techniques employed in the historical, philosophical, survey, and experimental methods of research.

8:00 to 9:15. Mr. Twenter.

520 (495). COURSE OF STUDY DEVELOPMENT IN PHYSICAL EDUCATION.

(4 q. hrs.)

Principles and methods; different psychological and educational points of view; organizing a course of study; making units of instruction.

2:30 to 3:45. Mr. Riordan.

Open to both men and women.

521 (475). ADMINISTRATION OF INTERSCHOOL ATHLETICS. (4 q. hrs.)

Organization and control of interschool athletics at the national, state, and local levels. Staff; programs; budget; health and safety; facilities.

9:30 to 10:45. Mr. O'Brien.

**528. THE ORGANIZATION AND ADMINISTRATION
OF COMMUNITY RECREATION. (4 q. hrs.)**

Recent trends in organizing and administering of recreation on federal, state, and local levels. Legislative provisions; governmental control; financing; personnel; departmental organization, and administrative procedures.

11:00 to 12:15. Mr. Riordan.

550. SPORTS AND PHYSICAL EDUCATION IN AMERICAN SOCIETY. (4 q. hrs.)

A course designed for the non-major of physical education to give the student an appreciation of the contributions of physical education and athletics in our American culture. Some time is devoted to examining the role of physical education in early civilization.

9:30 to 10:45. Mr. Twenter.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

595. THESIS. (4 q. hrs.)

PHYSICAL EDUCATION FOR WOMEN

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade

GRADUATE COURSES

point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

560. ADVANCED THEORY AND ANALYSIS OF TEAM SPORTS. (4 q. hrs.)

Study of techniques, organization, and team strategy of selected team sports as they relate to the learner and the Physical Education Program.

9:30 to 10:45. Miss Hart.

Prerequisite: Understanding and/or experience in the sports included.

**562. PROBLEMS IN THE ADMINISTRATION OF
GIRLS' PHYSICAL EDUCATION. (4 q. hrs.)**

Provides an opportunity for teachers and administrators to review the current ideas and best practices in the field of physical education. Problems in the administrative field will be studied.

11:00 to 12:15. Miss Hart.

595. THESIS. (4 q. hrs.)

PHYSICS

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

236. PHYSICAL OPTICS AND QUANTUM THEORY. (4 q. hrs.)

Section 2, 8:00 to 9:15 MTh; 8:00 to 10:45 TF. Mr. Lefler.

(Offered for N.S.F. students for undergraduates credit only.)

465. (339). HEAT AND THERMODYNAMICS. (4 q. hrs.)

Thermometry, thermodynamic laws; changes of phase; gas laws; mechanical relations and heat engines; adiabatic transformations; entropy; kinetic theory and statistical mechanics.

Arranged.

Prerequisite: First year college physics and one year of calculus. Four hours a week.

EASTERN ILLINOIS UNIVERSITY

467. INTRODUCTION TO QUANTUM MECHANICS. (4 q. hrs.)

Limitations of classical mechanics; Schroedinger equation; harmonic oscillator; uncertainty principle; exclusion principle; periodic table; perturbation theory; hydrogen atom; electron spin.

Arranged.

Prerequisite: First year college physics and one year of calculus. Four hours a week.

480. SPECIAL PHYSICS PROBLEMS. (4 q. hrs.)

(See Undergraduate Quarter course description.)

510, 511. BASIC PHYSICS. (8 q. hrs.) (8 weeks)

This course will cover the fundamental concepts of first year physics and continue with fundamentals of atomic and nuclear physics. Laboratory and field trips.

11:00 , 2:30 to 4:30. Mr. Smith.

These courses are planned especially for the Science Institute.

534. THEORETICAL MECHANICS. (4 q. hrs.)

Vectors; laws of motion; particle statics and dynamics; central field motion; energy and momentum principles for a particle and for systems of particles; mechanics of a rigid body.

Arranged.

Prerequisite: Physics 240 or equivalent and Mathematics 351. Four hours a week. Primarily for graduates.

595. THESIS. (4 q. hrs.)

POLITICAL SCIENCE

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students.)

451. AMERICAN CONSTITUTIONAL LAW. (4 q. hrs.)

Supreme Court decisions on: Judicial Review, Federalism, Powers of Congress, Powers of the President, Contracts, Commerce, Taxation, Citizenship, Speech, Press, Religion, Communism, Race Discrimination, Criminal Procedure.

8:00 to 9:15. Mr. Bloss.

Prerequisite: Political Science 110, 111, or History 233, 234, 235, or consent of the instructor.

465. PUBLIC ADMINISTRATION. (4 q. hrs.)

Growth of public administration, the system of responsibility and accountability, relationship of administration and politics, technical aspects of administration, problems of administrative leadership and direction.

9:30 to 10:45. Mr. Bloss.

Prerequisite: Political Science 100, 110, 111, 112, or consent of the instructor.

492. CONTEMPORARY POLITICAL THEORY. (4 q. hrs.)

Contemporary concepts in Western Political thought. Emphasis upon the development of modern conservatism, liberalism, Marxism, and national socialism. Independent research interests encouraged.

11:00 to 12:15. Mr. Beall.

Restricted to majors in History, Social Science, Political Science or consent of the instructor.

PSYCHOLOGY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students.)

451. ABNORMAL PSYCHOLOGY. (4 q. hrs.)

Nature and dynamics; organic and functional etiological factors; symptomatic diagnosis, etiology, treatment and prevention of specific neurosis and psychoses.

Section 2, 11:00 to 12:15. Mr. Looby.

Prerequisite: Psychology 231.

455. MENTAL HYGIENE. (4 q. hrs.)

Stresses the normal individual problem of maintaining mental health. Attention is given to physical, mental, emotional, and social factors underlying mental health; right and wrong use of mental mechanisms; rise and development of the mental hygiene movement and application of its principles to home, school, and social situations.

8:00 to 9:15. Mr. Looby.

Prerequisite: Psychology 231.

SOCIOLOGY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students.)

474. THE SOCIAL PROBLEMS OF MINORITY GROUPS. (4 q. hrs.)

A survey of the minority groups in the United States; their history, relationship to other groups, and their contributions to American culture.

9:30 to 10:45.

Prerequisite: Sociology 271 or consent of the instructor.

EASTERN ILLINOIS UNIVERSITY

475. CRIME AND JUVENILE DELINQUENCY. (4 q. hrs.)

The problems of crime and delinquency; etiological factors in crime and delinquency; prevention, penology and rehabilitation.

1:00 to 2:15.

Prerequisite: Sociology 271 or consent of the instructor.

SPEECH

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

480. CONTEMPORARY AMERICAN PUBLIC ADDRESS. (4 q. hrs.)

A study of competing points of view on a series of critical issues of the twentieth century.

Arranged. Mr. Hopkins.

595. THESIS. (4 q. hrs.)

THEATRE ARTS

481. SUMMER THEATRE. (4-12 q. hrs.)

(See *Undergraduate Quarter course description.*)

595. THESIS. (4 q. hrs.)

ZOOLOGY

(Courses numbered 450 to 499 inclusive may be taken by juniors, seniors and graduate students. Courses numbered 500 to 549 inclusive are primarily graduate courses but may be taken by a senior whose grade point average is 3.0 or higher with permission of the instructor and the Dean of the Graduate School. Courses numbered 550 and above are open only to graduate students.)

215 (346). EMBRYOLOGY. (4 q. hrs.)

The development of vertebrate animals, including formation of germ cells, maturation, fertilization, growth, cellular differentiation, and heredity. Laboratory studies of the frog, chick and pig. Lectures include human embryology.

8:00 to 9:15 M Th; 8:00 to 10:45 TF. Mr. Peterka.

Prerequisite: One year of zoology. (Offered for N.S.F. students for undergraduate credit only.)

450. ANIMAL HISTOLOGY. (4 q. hrs.)

A microscopic study of animal tissues and organs and their origins and functions; advanced microscopic techniques.

9:30; arranged. Mr. Scruggs.

Prerequisite: Zoology 110, 111, 212 or equivalent.

453. ANIMAL ECOLOGY. (4 q. hrs.)

Deals with the interrelations between animals and their physical and biotic environments. This includes a study of biotic communities, population changes, succession, geographic distribution, and adaptations. The laboratory work is done largely in the field.

8:00; arranged. Mr. Riegel.

Prerequisite: Two years of zoology, or equivalent and permission of the department head.

550. ORNITHOLOGY. (4 q. hrs.)

This course includes the study of structure, habits, life histories, migrations, identification, and conservation of birds. There is both field and laboratory work.

1:00; arranged. Mr. Peterka.

Credit applicable only to Group III of the requirements for the degree M.S. in Ed.

595. THESIS. (4 q. hrs.)

EASTERN ILLINOIS UNIVERSITY

FINAL EXAMINATION SCHEDULE

Summer, 1966

Monday, August 8

7:00-10:00 P.M. All sections of English 220

Wednesday, August 10

1:00- 2:40 Undergraduate: 11:00 classes and double period and laboratory classes that meet at 11:00 and 12:00 or 12:00 and 11:00
Graduate: 11:00 classes
3:00- 4:40 Undergraduate: 12:00 classes and double period and laboratory classes that meet at 12:00 and 1:00 or 1:00 and 12:00

Thursday, August 11

8:00- 9:40 Undergraduate: 1:00 classes and double period and laboratory classes that meet at 1:00 and 2:00 or 2:00 and 1:00
Graduate: 1:00 classes
2:00- 3:40 Undergraduate: 8:00 classes and double period and laboratory classes that meet at 8:00 and 9:00 or 9:00 and 8:00
Graduate: 8:00 classes

Friday, August 12

8:00- 9:40 Undergraduate: 9:00 classes and laboratory and double period classes that meet at 9:00 and 10:00 or 10:00 and 9:00
Graduate: 9:30 classes
2:00- 3:40 Undergraduate: 3:00 classes and double period and laboratory classes that meet at 3:00 and 4:00 or 3:00 and 2:00

Saturday, August 13

8:00- 9:40 Undergraduate: 10:00 classes and double period and laboratory classes that meet at 10:00 and 11:00 or 11:00 and 10:00
2:00- 3:40 Undergraduate: 2:00 classes and laboratory and double period classes that meet at 2:00 and 3:00
Graduate: 2:30 classes

GRADUATE FLOAT PERIOD PATTERN

On Monday	1:00 classes float
On Tuesday	2:30 classes float
On Wednesday	8:00 classes float
On Thursday	9:30 and 11:00 classes float

UNDERGRADUATE FLOAT PERIOD PATTERN AND EXTRA MEETINGS

FLOAT PERIODS: Four quarter hour classes normally meet four days a week and *float* (that is do not meet) on one day each week.

The normal schedule for float periods during the summer quarter is as follows:

On Monday	12:00 and 1:00 classes float
On Tuesday	2:00 and 3:00 classes float
On Wednesday	8:00 and 9:00 classes float
On Thursday	10:00 and 11:00 classes float
On Friday	4:00 and 5:00 classes float

EXTRA MEETINGS TO BE HELD DURING CERTAIN FLOAT PERIODS

In order to provide the standard pattern of forty class meetings and a two-hour examination, the float period pattern will be altered as follows:

<i>Week of:</i>	<i>Alteration in Float Periods</i>
June 6	Classes scheduled for Monday at 8:00, 9:00, 10:00, 11:00, 2:00, 3:00, 4:00 will hold an additional meeting during the respective float periods on Tuesday, Wednesday, Thursday, Friday.
June 20	Classes scheduled for Thursday at 8:00, 9:00, 12:00, 1:00, 2:00, 3:00, 4:00 will hold an additional meeting during the respective float periods on Monday, Tuesday, Wednesday, Friday.
July 4	Classes scheduled for Monday at 8:00, 9:00, 10:00, 11:00, 2:00, 3:00, 4:00 will hold an additional meeting during the respective float periods on Tuesday, Wednesday, Thursday, Friday.
July 18	Classes scheduled for Friday at 8:00, 9:00, 12:00, 1:00 will hold an additional meeting during the respective float periods on Monday and Wednesday.
July 25	Classes scheduled for Friday at 10:00, 11:00, 2:00, 3:00 will hold an additional meeting during the respective float periods on Tuesday and Thursday.
August 8	Classes scheduled for Wednesday at 12:00, 1:00, 2:00, 3:00 will hold an additional meeting during the respective float periods on Monday and Tuesday. Final Examinations will begin Wednesday, August 10, at 1:00 p.m. There will be no classes after 11:50.

LAND OF LINCOLN